Statement of Justification and Burden of Proof in Support of AT&T's Application for Special Exception for a Proposed 199' Telecommunications Facility at 225 33rd Street SE, Washington, DC 20019

Applicants: New Cingular Wireless PCS, LLC d/b/a AT&T Mobility

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Cityswitch II-A, LLC

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Property Owner: Philadelphia Baltimore Washington Railroad Company¹

Parcel SSL: PAR 02100012

Neighborhood: 22 - Fort Dupont Park

Zoning: PDR-1

Use: 95: Vacant- Residential Use (Railroad)

Parcel Size: 7.0 Acres (304,920 sq. feet)

Ward: 7 ANC: 7B01

Pursuant to Chapter 11 of the District of Columbia Municipal Regulations ("DCMR"), Y § 300, X § 900.1, and C § 1313, New Cingular Wireless PCS, LLC d/b/a AT&T Mobility ("AT&T") and Cityswitch II-A, LLC ("Cityswitch" and together, "Applicants") by and through their agents/counsel, Saul Ewing Arnstein & Lehr, LLP and SmartLink LLC, submit this

Philadelphia Baltimore Washington Railroad Company is listed in the Washington D.C. Property Records as the owner of the property. CSX Transportation, Inc. owns Philadelphia Baltimore Washington Railroad Company. Cityswitch is a lessee of CSX and is authorized by CSX to submit this application. (*See Exhibit 6.*)

application package with a Statement of Intended Uses and Compliance to support approval of a special exception to build a telecommunications facility with 199' monopole (195' pole with 4' lightning rod) inside a 60' x 48'6" compound (the "Facility"). The Applicants respectfully request a determination by the Board of Zoning Adjustments that the proposed wireless telecommunication application described herein is in substantial compliance with the DCMR and is authorized for a special exception.

This document and attached Exhibits provide justification for the proposed Facility, and a summary of how and why this proposal conforms with the DCMR. This package, and additional or clarifying evidence to be presented at a public hearing, provide the legal and factual support needed to approve this proposed special exception.

Attached are the following exhibits:

EXHIBITS

Exhibit 1	Existing Coverage without RFK Stadium Antennas Map
Exhibit 2	Radio Frequency Justification Statement
Exhibit 3	Proposed Coverage Radio Frequency Propagation Map at 185'
Exhibit 4	Wireless Broadband Usage (AT&T) During COVID-19 Crisis
Exhibit 5	FirstNet Authority Information Sheets
Exhibit 6	Landowner Letter of Authorization
Exhibit 7	Site Plan (8.5" x 11")
Exhibit 8	Dish Wireless Letter requesting Co-Location
Exhibit 9	Photo Simulations of Proposed Facility
Exhibit 10	Analysis of Existing AT&T sites and Other Towers Within 2 Miles
Exhibit 11	Radio Frequency Emissions Compliance Letter

I. AT&T GOALS AND NEED FOR IMPROVED WIRELESS SERVICES

AT&T is licensed by the Federal Communications Commission ("FCC") to provide wireless telecommunications services in the District of Columbia. AT&T has a significant need to replace existing wireless coverage that will be lost when AT&T's telecommunications antennas, currently located on RFK Stadium, are decommissioned in 2022. (See Existing Coverage without RFK Stadium Antennas Map attached as Exhibit 1). AT&T's proposed Facility will maintain and improve emergency and non-emergency wireless coverage in the Fort Dupont Park neighborhood (ANC 7B). (See Radio Frequency Justification Statement attached as Exhibit 2). The area is currently provided with wireless service by antennas located on RFK Stadium. These antennas will need to be removed before the stadium is imploded, which will leave a significant gap in AT&T's wireless coverage. The Facility will replace emergency and non-emergency wireless services along Highway 295, E Capitol St SE, C St and Massachusetts Ave SE. (See Ex. 2).

AT&T determined there was no suitable co-location opportunity to locate its antennas to fill the gap that will be created by the loss of antennas on RFK Stadium. Absent co-location opportunities, a new structure is needed. A telecommunications monopole is permitted in the R-1-B District with a special exception. *See* 11 DCMR C § 1313.2. The Facility will allow AT&T

to maintain and improve emergency and non-emergency wireless and broadband services for residents, visitors, commuters, and front-line emergency service workers. (<u>See Proposed Coverage Radio Frequency Propagation Map at 185' attached as Exhibit 3</u>). Ultimately, this proposal will provide residents, commuters, and visitors with reliable wireless emergency and non-emergency services, better quality services, and diminished occurrences of dropped calls.

Approximately 59% of U.S. adults living in households have wireless-only telephone service, with no "landline" in their home.² More than 80% of 9-1-1 calls are made from mobile phones.³ The COVID-19 crisis made it abundantly clear that wireless and broadband services were essential for millions of Americans who found themselves needing and relying on wireless coverage to live. Wireless coverage allows people to work from home, attend school from home, remotely visit doctors and therapists, worship online, and stay in touch with family and friends.

COVID drove a significant increase in AT&T's voice calling, instant messaging, text messages, and video services. (<u>See Wireless Broadband (AT&T) Usage During COVID-19 Crisis attached as Exhibit 4</u>). The use of audio-conferencing solutions and large-scale webcast events each tripled, as business and schools adapted to the need for remote communications. (<u>See Ex. 4</u>). The use of audio, web, and video conferencing tools increased five times. (<u>See Ex. 4</u>). Sufficient and reliable wireless broadband coverage has never been more important and the need and demand is only growing.

II. FIRST RESPONDER NETWORK AUTHORITY ("FIRSTNET")

The Facility will expand and enhance FirstNet in Washington DC. FirstNet is a nationwide high-speed broadband communications platform dedicated solely to first responders and emergency personnel. Following the recommendation of the 9/11 Commission, Congress established FirstNet to ensure a reliable public safety communication network across the country with dedicated bandwidth for use by first responders. (See FirstNet Authority Information Sheets attached as Exhibit 5). FirstNet prevents the type of massive wireless communication failures that occurred during the 9/11 terrorist attacks. The federal government chose AT&T, exclusively, to build out FirstNet nationally and ensure this emergency network is available wherever AT&T has sufficient coverage. During the COVID-19 pandemic, FirstNet provided significant support in helping the Washington's Office of Unified Communications maintain the 9-1-1 and 3-1-1 networks in the Nation's capital.

III. THE PROPERTY AND PROPOSED USE

The Applicants propose a new telecommunications monopole, and accompanying ground equipment, on a property located at 225 33rd Street SE, Washington, DC 20019 (the "Property"). The current use of the property is Vacant- Residential. The Property is approximately seven (7) acres in the Fort Dupont Park neighborhood, and is home to a CSX railyard and train tracks. It is

² CDC, NCHS, Stephen J. Blumberg and Julian V. Luke, *Wireless Substitution: Early Release of Estimates from the National Health Interview Survey*, January-June 2019, National Center for Health Statistics (May 2020), https://www.cdc.gov/nchs/data/nhis/earlyrelease/wireless202005-508.pdf.

³ NENA, The 9-1-1 Association, https://www.nena.org/page/911Statistics (accessed May 4, 2021).

one of a number of contiguous properties that house CSX rail tracks. CSX owns the Property and authorized AT&T and AT&T's representatives to pursue a special exception. (See Letter of Authorization attached as Exhibit 6).

IV. THE PROPOSED TELECOMMUNICATIONS FACILITY

The proposed Facility consists of a 199' monopole (195' pole with 4' lightning rod) inside a 60' x 48'6" compound surrounded by 8' chain link fence. (See Site Plans attached as Exhibit 7 at A-1, A-2). The compound will include space for ground equipment for at least five separate wireless providers. AT&T will install a generator (used as backup power in the case of an emergency outage) and an equipment shelter. (See Ex. 7, at A-1).

The 199' monopole will accommodate equipment for CSX, AT&T and at least three other wireless providers. CSX will locate communications equipment at 192' above ground level (AGL), allowing the railroad company to communicate with other rail facilities and infrastructure. (See Ex. 7, at A-2). Having accurate and timely information in the hands of rail operators is crucial to making the railway safe and efficient. AT&T will locate its equipment at 185' AGL. (See Ex. 7, at A-2). Verizon wireless has already committed to co-locate its equipment at 173' AGL. Additionally, Dish Wireless, L.L.C. has requested to co-locate on the proposed Facility. (See Letter requesting Co-Location attached as Exhibit 8). There is space for at least two other providers on the proposed monopole. (See Ex. 7, at A-2).

The Facility will be located on a vacant parcel, that is primarily used for railways, between the Anacostia Freeway and Anacostia River. As a result of the location, the Facility will have little to no visual impact on inhabited residential neighborhoods, and will not have any adverse effect on the immediate surrounding area. (See Photo Simulations of Proposed Facility attached as **Exhibit 9**). The Facility will be unmanned, free of public facilities, and only require occasional visits (about 1 visit per quarter) from an AT&T technician for routine inspections and maintenance. The Facility will have no impact on traffic.

V. THE SITE SELECTION PROCESS

When AT&T needs coverage, it looks for co-location opportunities or, absent existing structures for co-locations to install a new facility. Co-location is always the first choice, given the speed to market and reduced capital costs, plus co-location is the first choice of the District and other regulatory bodies.

In this case, AT&T needs to fill a very specific coverage gap that will be created by the decommissioning of antennas located on RFK Stadium (<u>See Ex. 1, Existing Coverage Map</u>). This newly created coverage gap cannot be addressed using existing facilities. (<u>See Analysis of Existing AT&T sites and Other Towers Within 2 Miles attached as Exhibit 10</u>). AT&T is limited to a finite area to find a location and height that will fill the coverage gap and work in concert with existing coverage. There are only two telecommunications towers within two miles of the Property. Both locations were outside AT&T's search radius with available co-locations too low to fill the existing gap. (<u>See Ex. 10 at 2-3</u>).

With no viable co-location opportunity, AT&T looked at raw land options. A viable raw land site requires: (1) a willing landlord; (2) technical suitability and RF coverage; and (3) legal compliance with the DCMR. In addition, new facilities should try to minimize visual impact on the surrounding community to the extent it is possible. The majority of the area inside the newly created coverage gap is occupied residential lots. The Property is ideal for a new facility because it is unoccupied, an industrial, non-residential use (i.e. railroads) and is isolated from residentially occupied areas. The proposed Facility located on CSX's Property will create little to no impact on area neighborhoods while providing much-needed emergency and non-emergency wireless services, including FirstNet. The proposed Facility will be located within a large non-residential use, in the target coverage area, and with the ability to serve the surrounding residential areas that will lose coverage when RFK Stadiums antennas are decommissioned. The Facility will blend in and be compatible with the setting, color, lighting, and topography of the area.

VI. OUTREACH TO THE COMMUNITY, ANC, & OFFICE OF PLANNING

The Applicants have contacted the representatives for the Advisory Neighborhood Commission (ANC) 7B, to give notice of and details on the project. The Applicants also sent the representative a copy of the site plan and information about the planning for a future community meeting. The Applicants will provide a copy of this filing to ANC 7B and the Office of Planning. The Applicants will also contact them, along with all property owners within 200 feet of the Property, to provide notice and an opportunity to ask questions and provide feedback.

AT&T held a pre-application meeting with Washington D.C. Zoning Technician Brittany Bullock on August 12, 2021. During the meeting, Ms. Bullock confirmed that the Federal Height Act does not apply to the Property, and a 199' foot monopole would be allowed with an approved special exception in the PDR-1 zone. Ms. Bullock also confirmed that the Applicants' preliminary site plan showed compliance with applicable setbacks under DCMR.

VII. THE APPLICATION MEETS THE REQUIREMENTS FOR SPECIAL EXCEPTION RELIEF UNDER 11 DCMR SUBTITLE X, § 901.2

The Board of Zoning Adjustment is authorized under § 8 of the Zoning Act, D.C. Official Code § 6-641.07(g)(2), to grant special exceptions, as provided in this title, where, in the judgment of the Board of Zoning Adjustment, the special exceptions:

- (a) Will be in harmony with the general purpose and intent of the Zoning Regulations and Zoning Maps;
 - **Applicants' Response:** The Facility conforms to the general purpose and intent of the DCMR regulations, as set forth more fully below.
- (b) Will not tend to affect adversely, the use of neighboring property in accordance with the Zoning Regulations and Zoning Maps;
 - **Applicants' Response:** The Application can be approved by the Board with no adverse impact on neighboring properties. The Facility will be located between the Anacostia River and the Anacostia Freeway. There are no adjacent residential parcels. The Property is a vacant, non-residential use, that serves as a railyard and railway for CSX trains. Given

the location, and the current use of the Property, there will be no adverse impact to neighboring properties. (See Ex. 9).

- (c) Will meet such special conditions as may be specified in this title.
- **Applicants' Response:** The proposed Facility will meet all special conditions required of telecommunications facilities by the DCMR.

VIII. ZONING RELIEF REQUESTED

11 DCMR, Subtitle C, Section 1313.1 provides that a monopole is permitted as a special exception in a residential zone in accordance with the following standards depicted in italics and addressed below:

- 1313.1 A monopole shall be permitted if approved by the Board of Zoning Adjustment in accordance with Subtitle X of this title, subject to the provisions of this section, in the zones specified in Subtitle C § 1313.2.
 - **Applicants' Response:** This application complies with all relevant provisions of the DCMR.
- 1313.2 A monopole may be permitted as a special exception use in the R, RF, RA, MU, D and PDR (except PDR-4 and PDR-7, where antenna towers are permitted as a matter-of-right) zones, and the zones of Subtitle K, where monopoles are permitted as a matter-of-right subject to Subtitle C § 1309.
 - **Applicants' Response:** The Property is zoned PDR-1 and, therefore, the Facility may be permitted with a special exception.
- 1313.5 The location, height, and other characteristics of an antenna tower or monopole shall be:
 - (a) Consistent with the purpose of this chapter;
 - **Applicants' Response:** The Facility is consistent with the purposes of this chapter. The Facility will be located on a vacant, non-residential use parcel that serves as a railyard and railway for CSX. The Facility will provide necessary emergency and non-emergency wireless services to the area, including FirstNet.
 - (b) Designed and available for collocation by other service providers;
 - **Applicants' Response:** The Facility is available for collocation by CSX, and at least three other wireless providers. (*See* Ex. 7, Site Plans, at A-2). Dish Wireless has already requested to co-locate their equipment on the pole. (*See* Ex. 8). Additionally, Verizon Wireless has committed to co-locating its antennas at 173' AGL.
 - (c) Located so the visual impacts are minimized to the greatest practical extent, from neighboring property and adjacent public space, or appropriately screened by landscaping or other techniques to minimize the visibility of the antenna tower or monopole; and

- Applicants' Response: The Property is located between the Anacostia River and the Anacostia Freeway. There are no adjacent residential parcels and, therefore, there will be no adverse impact on neighboring properties. (See Ex. 9, Photo Simulations). The Property was selected specifically due to the fact it is vacant property with railroad tracks. The current use of the property, and lack of nearby occupied dwellings, significantly reduces or eliminates any potential visual impact while bringing emergency and non-emergency wireless services to the area.
 - (d) Designed and constructed to preserve existing trees to the greatest practical extent.
- **Applicants' Response:** The Property is already graded and developed. No trees or vegetation will be removed to build the Facility..

1313.6 If an applicant is unable to meet the special exception requirements of section [1313.5], the Board of Zoning Adjustment may nevertheless grant the application if the applicant demonstrates that:

- **Applicants' Response:** The Applicants' proposal meets each of the special exception requirements in § 1313.5. However, even if the proposal could not meet a requirements, the Board of Zoning Appeals should still approve the special exception for the reasons below.
 - (a) There is a significant gap in wireless service
- **Applicants' Response:** A significant coverage and service gap will be created by the decommissioning of antennas currently located on RFK Stadium, when the stadium is imploded next year. (<u>See Ex. 1, Existing Coverage without RFK Stadium Antennas; Ex. 2, AT&T RF Justification Statement</u>). The area needs a new facility in order to maintain and improve emergency and non-emergency wireless services, including FirstNet, and fill the coverage gap created by the loss of the antennas on RFK Stadium.
 - *(b) The proposed antenna or tower will fill this gap;*
- **Applicants' Response:** The Facility will significantly fill the gap in wireless coverage that will be created by the loss of antennas on RFK Stadium. (*See* Ex. 3, Proposed AT&T Coverage).
 - (c) No other mounting options are available;
- Applicants' Response: There are no co-location (or mounting) options available, without a new facility and structure. In fact, the ideal co-location opportunity (RFK Stadium) is being imploded, requiring the new Facility for relocation of the antennas located at RF Stadium. The significant coverage needs created by the loss of the RFK Stadium antennas cannot be served with wireless facilities or antennas from the closest surrounding facilities because the new facility must be centrally located to fill the gap being created in the network. (See Ex. 1). AT&T determined there are only two other telecommunications

facilities within two miles where AT&T does not already have antennas. Both existing sites are too far away to be viable co-location opportunities that can meet coverage goals and fill the coverage gap. (See Ex. 10). There are no viable existing facilities or structures where AT&T can co-locate and fill the coverage gap or otherwise add and improve the necessary wireless services.

- (d) The site is the only location from which the gap can be filled or, if other sites are available, the antenna tower or monopole at the proposed location will generate the least adverse impacts;
- Applicants' Response: AT&T needs a new facility central to the gap to provide the necessary services and fill the gap. (See Ex. 1). Not only is this arguably the only location (i.e. vacant, non-residential use), but it is a fantastic opportunity to install a new facility that is able to fill the coverage gap and add and improve services without little or no negative impact, visual or otherwise, on adjacent and surrounding properties. Not only are the adverse effects minimized or wholly eliminated, but the benefits are maximized given the location and definite need for emergency and non-emergency wireless services.
 - (e) That the height and other physical design characteristics of the proposed antenna tower or monopole do not exceed those which are minimally necessary to fill the gap in wireless service;
- Applicants' Response: AT&T determined that 185' for AT&T's equipment was the minimum height necessary to replace the decommissioned antennas located at a significant height at the top of RFK stadium across the river. The proposed height will maximize available coverage, not only for AT&T, but for other providers (i.e. Verizon) that are also losing antennas currently co-located on RFK Stadium. The proposed height will also allow CSK to co-locate communications equipment on the Facility to communicate with other rail facilities and infrastructure. (See Ex. 7, at A-2). Having accurate and timely information in the hands of rail operators is crucial to making the railway safe and efficient.
 - (f) That it is using the least intrusive means to provide wireless service necessary to fill the gap in such service; and
- **Applicants' Response:** The Facility is the least intrusive means to fill the coverage gap and to maintain and improve wireless services including FirstNet. The Facility is necessary to replace existing coverage that will be lost due to the demolition of RFK Stadium. The Property is ideal for the Facility as a vacant, unoccupied parcel that is dedicated to railways and has no adjacent residentially occupied properties.
 - (g) That the proposed antenna tower and monopole, even when supporting all possible co-locators will be in full compliance with Federal Communication Commission cumulative and individual RF emission levels.
- **Applicants' Response:** The Replacement Pole will comply with all FCC regulations. (*See* RF Emissions Compliance Letter attached as **Exhibit 11**).

- 1313.7 Any antenna tower or monopole with a proposed height in excess of that permitted by the Act of June 1, 1910 (36 Stat. 452), as amended, shall not be permitted, unless the height is approved by the Mayor or his or her designee.
 - **Applicants' Response:** The Federal Height Act is not applicable to this Property, as confirmed by the City during a pre-application meeting on August 12, 2021. The proposed height of 199' is in compliance with the DCMR and other applicable regulations.
- 1313.8 An antenna tower or monopole shall be set back a minimum horizontal distance equal to its total height as measured from the ground, from any residentially developed or zoned property.
 - **Applicants' Response:** There are no adjacent residentially developed or zoned parcels. The proposed Facility is more than 199' from any residentially developed or zoned property. (*See* Ex. 7, Site Plans at C-1).
- 1313.9 Each part of an antenna tower or monopole shall be set back from each lot line the greater of the following:
 - (a) Twenty feet (20 ft.); or
 - (b) A distance of at least one-third (1/3) of the total constructed height.
 - **Applicants' Response:** The Facility is located more than one-third (67') of the total constructed height (199') from each lot line. The proposed monopole is located 298.8 feet from the property line to the northwest, 202.86 feet from the property line to the east, and 255.71 feet from the property line to the south. (See Ex. 7, Site Plans at C-1).
- The Board of Zoning Adjustment shall submit the application to the Office of Planning for review and report.
 - **Applicants' Response:** The Applicants acknowledge that the Board of Zoning Adjustment shall submit this application to he Office of Planning for review and report.
- The applicant shall provide written and/or graphic documentation of the following:
 - (a) The area to be served by the proposed new antenna tower or monopole;
 - Applicants' Response: A significant coverage gap will be created in the Fort Dupont Park neighborhood by the loss of antennas on RFK Stadium. (See Ex. 1, Existing Coverage without RFK Stadium; Ex. 2, RF Justification Statement). The Facility will maintain and enhance AT&T's existing coverage areas. (See Ex. 3, Proposed Coverage Map). Ultimately, the proposed site will allow residents and commuters to experience better quality and diminished dropped calls, and bring FirstNet to the area providing additional resources to first responders in an agency situation.

- (b) The area being inadequately served;
- Applicants' Response: The coverage in Ward 7 is currently sufficient due to the colocation of wireless antennas on RFK Stadiums. However, the stadium is designated for demolition in 2022. The loss of antennas on the stadium will create a significant coverage gap in AT&T's (and other) networks which will diminish the quality of wireless services in the area. If the application is denied, the area will suffer a significant degradation of emergency and non-emergency wireless and broadband services.
 - (c) A map indicating the location of any other antenna or related facility sites providing service by the applicant within a two (2)-mile radius, including public space, of the proposed site;
- **Applicants' Response:** A map identifying AT&T's antenna and related facilities within 2 miles is provided.
 - (d) Other towers or monopoles within a two (2)-mile radius of the proposed site with identified heights above grade;
- **Applicants' Response:** A map and description of other monopoles within a two-mile radius, and the reasons those towers are insufficient for co-location is provided. (*See* Ex. 10 at 2-3).
 - (e) An explanation of why the applicant cannot collocate on an existing tower or monopole;
- Applicants' Response: AT&T has several facilities in the area and they cannot be modified or otherwise used to fill the coverage gap. There are only two towers within two miles that AT&T is not already co-located on. The two towers are located 1.24 and 1.99 miles away from the proposed Facility. AT&T's RF Engineers analyzed their location and distance from the coverage area, ground elevation and potential vertical elevation, and determined that neither could be used to fill the coverage gap that will be created when the antennas on RFK Stadium are decommissioned. (See Ex. 10).
 - (f) A written statement agreeing to permit the collocation by other service providers on a commercial basis on an antenna tower;
- **Applicants' Response:** The Applicants confirm they will allow collocation by other service providers. AT&T has provided space for antennas of here other providers plus CSX. (<u>See Ex. 7</u>, Site Plans at A-2). Dish Wireless and Verizon Wireless have each already committed to co-locating on the Facility. (<u>See Ex. 8</u>).
 - (g) A written statement agreeing to design a proposed monopole for at least three (3) antenna arrays and to make the array space available on a commercial basis for collocation by any telecommunications service provider whenever unused by the initial telecommunications service provider(s);

- **Applicants' Response:** The Facility has space for the antennas of AT&T, CSX and at least three additional service providers. (*See* Ex. 7, Site Plans at A-2). Dish Wireless and Verizon Wireless have each already committed to co-locating on the Facility. (*See* Ex. 8). AT&T certifies it will allow commercial telecommunications providers to collocate where possible.
 - (h) The topographic conditions of the area to be served;
- **Applicants' Response:** AT&T's proposed Facility will serve the Fort Dupont Park neighborhood in Ward 7. (*See* Exs. 1-3). The Property is already graded and relatively flat due to the existence of railroad tracks on the parcel. (*See* Ex. 7).
 - (i) The relative height of the antenna tower or monopole to the tops of surrounding trees within one-quarter mile (.25 mi.) radius of the proposed site as they presently exist;
- **Applicants' Response:** The mature trees in the area are approximately 30-50 feet in height. The proposed Facility is 199'. In general, this is not a heavily wooded area given its proximity between the Anacostia River and Anacostia Freeway. However, trees along the Anacostia River help scree the Facility from the river and land across the river. (<u>See Ex. 9</u>, Photo Simulations).
 - (j) The proposed appearance of the antenna tower or monopole, including exterior finish;
- **Applicants' Response:** The monopole will be of a galvanized, gray finish. It will be constructed with hot dipped galvanized steel. (*See* Ex. 9, Photo Simulations). There will be no lights or signs on the Facility.
 - (k) A maintenance plan explaining how the property manager will control ice buildup, falling ice, and potential falling debris; the plan should also address how inoperative antennas will be removed; and
- **Applicants' Response:** The Facility is designed to comply with the Telecommunications Industry Association Standard ANSI/TIA-222-G, "Structural Standard for Antenna Supporting Structures and Antennas." (See Ex. 7, Site Plans at T-1, N-1). AT&T will inspect the facility on a regular basis and perform any maintenance required. Inoperative antennas will be promptly removed.
 - (l) Other information as may be necessary for impact assessment of the antenna tower or monopole.
- **Applicants' Response:** Because the Facility will replace existing coverage at RFK Stadium, there should be little to no impact to the Property or surrounding community. The Facility is a low impact way to replace and maintain necessary emergency and non-emergency wireless services to the area.

- In addition to any other conditions deemed necessary to mitigate potential adverse impacts, the Board of Zoning Adjustment may impose conditions relating to operation, location, screening, collocation, or other requirements as it shall deem necessary to protect adjacent and nearby property, neighborhood character, and the image of the city as the nation's capital, consistent with the general purpose and intent of this chapter and may require the removal of any onsite inoperable or unauthorized antenna as a condition to the approval.
 - Applicants' Response: The Applicants acknowledge this provision.
- No signs of any kind, including advertisements, may be placed on an antenna tower or monopole, its equipment cabinet, or its equipment shelter, unless necessary for the safety of the public.
 - **Applicants' Response:** The Facility will not have any signs or advertisements other than those warning signs required by federal and local laws.

IX. ANTICIPATED WITNESS TESTIMONY

Should the Board of Zoning Adjustments require witness testimony at a future public hearing to clarify this application, AT&T anticipates the below witnesses may testify.

• Bijan Olexo, SmartLink LLC

Mr. Olexo works in site acquisition and real estate management on behalf of AT&T telecommunications sites. Mr. Olexo would testify about AT&T's search for available location to fill the existing coverage gap, the unavailability of suitable co-location opportunities, and the selection of the Property as a viable site to meet AT&T's coverage needs. He will generally testify that the information set forth in this application is complete and accurate to the best of his information, knowledge and belief. Mr. Olexo is also familiar with relevant sections from the zoning code and special exception requirements and, more specifically, how the proposed replacement light pole facility can meet or exceed each of the requirements.

• Gaurav Behl, AT&T Radio Frequency Engineer

Mr. Behl works as a radio frequency engineer and has significant experience in RF emissions. Mr. Behl would testify that the radio frequency maps showing the existing AT&T coverage and proposed coverage are complete and accurate depictions. He is expected to testify that the proposed facility will fill in the existing coverage gap in AT&T's network, and provide improved emergency and non-emergency wireless services to the area. Mr. Behl will also testify that he examined the two telecommunications towers located within two miles of the Property and determined that the location and available height for antennas at each tower would not meet AT&T's coverage goals and, therefore, they are not viable co-location opportunities. Mr. Behl is also familiar with sections from the zoning code and special exception requirements relating to his field of expertise and, more specifically, how the proposed replacement light pole facility can meet or exceed each of the relevant requirements.

• Camille Shabshab, Entrex Communications Services, Inc.

Mr. Shabshab is a professional engineer who is licensed to practice in the District of Columbia. Mr. Shabshab will discuss the engineering and design of the replacement light pole and equipment compound. He prepared the site plans submitted with this application (<u>See Ex. 7</u>), and will generally testify that the site plans are an accurate and complete depiction of the proposed project to the best of his information, knowledge and belief. Mr. Shabshab is also familiar with sections from the zoning code and special exception requirements related to his fields of expertise and, more specifically, how the proposed replacement light pole facility can meet or exceed each of the requirements.

• Douglas A. Sampson, Saul Ewing Arnstein & Lehr LLP

Mr. Sampson is an attorney who practices in the area of zoning and land use. He will testify that he has reviewed the DCMR, and that AT&T's application is in substantial compliance with all relevant regulations and provisions. Mr. Sampson will testify that the information set forth in this application is complete and accurate to the best of his information, knowledge and belief.

X. CONCLUSION

For the reasons stated above, the requested relief meets the applicable standards of DCMR and can be granted without substantially impairing the intent, purpose, and integrity of the Regulations. The Applicant therefore requests that the Board approve this application.

Respectfully Submitted,

SAUL EWING LLP

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cc: Jennifer Steingasser, Deputy Director, Office of Planning Karen Thomas, Review Specialist, Office of Planning Chioma Iwuoha, ANC 7B01 Commissioner

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on this 14th day of January 2022, a copy of the foregoing application materials were sent via first class and electronic mail to:

Jennifer Steingasser, Deputy Director, Office of Planning DC Office of Planning 1100 4th Street SW, Suite 650 Washington, D.C 20024 Jennifer.steingasser@dc.gov

Karen Thomas, Review Specialist DC Office of Planning 1100 4th Street SW, Suite 650 Washington, D.C 20024 Karen.thomas@dc.gov

7B01@anc.dc.gov

Chioma Iwuoha, ANC 7B01 Commissioner 3200 S Street SE Washington, DC 20020 Phone: (202) 584-3400

Douglas A. Sampson

EXHIBIT 1



Existing AT&T Site East Capitol (RFK Stadium) slated for Decomm Assumed OFF-AIR

EXHIBIT 2



RF Justification

Site Name: Emery

Address: 225 33rd Street, Washington, DC 20019

The main objective of this site is to provide AT&T & Firstnet coverage to the South and East of RFK Stadium in DC.

AT&T has existing antennas at RFK stadium which are slated for Decomm, this proposed location will provide the coverage to the South and East of RFK which will be lost once RFK stadium is decommissioned.

The addition of this site will improve coverage including in-building coverage along Highway 295, E Capitol St SE, C St and Massachusetts Ave SE

The Proposed site will also ensure overlap coverage, handoffs and off-load traffic among existing AT&T Sites Benning Road, Volta and Coletta

Prepared by:

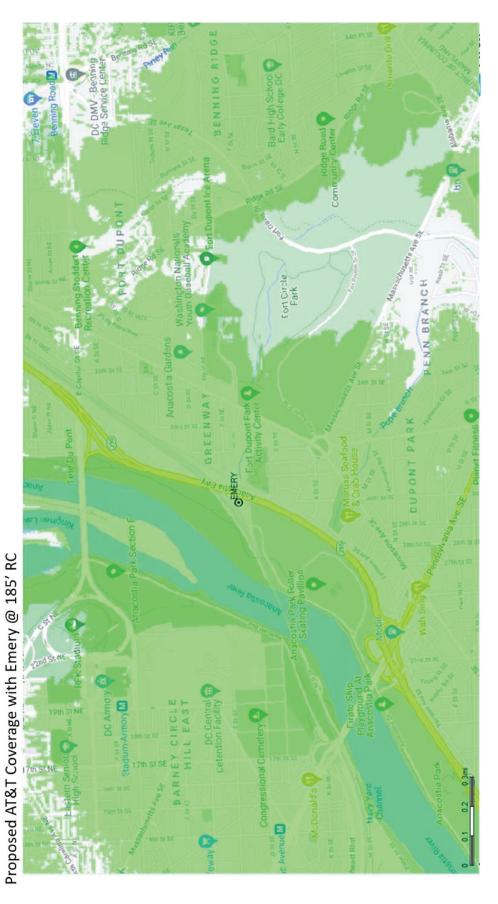
Gaurav Behl RF Engineer gb943a@att.com

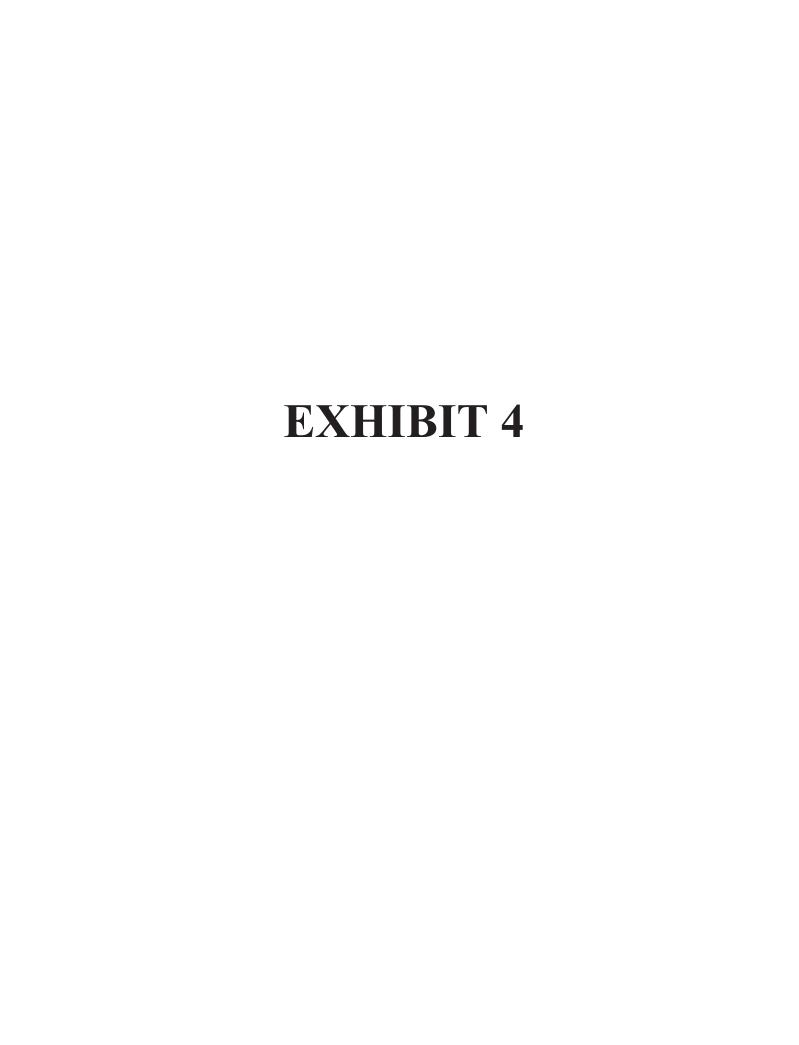
Approved by:

Sandeep Gupta RF Design Manager

AT&T Mobility 7150 Standard Drive Hanover, MD 21076

EXHIBIT 3





AT&T Remains Focused on Keeping You Connected

As people are doing their best to self-isolate, AT&T's network is keeping people connected.

In the last three weeks of March, here's what we've seen on our mobile network alone:



How businesses and schools are communicating has steadily increased the usage of conferencing tools, which are at an all-time high. Here's what we've seen over the last few weeks of March:



Despite these dramatic shifts in traffic patterns, our network continues to perform well.

AT&T invested more than \$135 billion in our wireless and wireline networks over the past 5 years (2015-2019).¹ During this time, we invested more in the U.S. than any other public company, and it has paid off. We're able to respond rapidly to surges in traffic and help meet the quickly evolving needs of our customers. When we see stress, we are proactively augmenting where needed.

Additionally, we're actively using AI to:

- Reset our 4G and 5G cell sites: When cell site issues are detected, we have an automated process to
 collect data, analyze and reset the site. All is also helping us conserve energy, by "waking up" some cells
 more frequently as traffic increases, while others, such as in office parks and buildings that are less
 occupied now, go to sleep more.
- **Detect customer equipment issues:** Al is also helping us remotely troubleshoot and diagnose problems with customer equipment, by identifying the cause or even proactively identifying a potential issue before it occurs.
- Avoid network traffic congestion: We've expedited deployments of new AI capabilities in certain
 markets that will allow us to balance the traffic load within a sector and across sectors to help avoid
 overloading specific cells and improve the experience.

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¹ includes U.S. and international capital investment and acquisitions of wireless operations and spectrum

And of course, we're doing other things to support more people working and learning from home, such as adding additional spectrum (capacity) to cell sites to improve customers' experience.

The U.S.'s wireless performance is due in no small measure to its longstanding recognition that a light touch approach to regulation promotes competition, innovation and investment. It's one that often recognizes new technologies are transforming our societies and economies, and technology changes much faster than regulation, enabling the U.S. to be a global leader in technology.

Consistent with FCC Chairman Pai's "Keep Americans Connected Pledge" and concerns raised by members of Congress, which we share, AT&T is also proud to support our customers by pledging that, for 60 days, we will:

- Not terminate the service of any wireless, home phone or broadband residential or small business customer because of their inability to pay their bill due to disruptions caused by the coronavirus pandemic.
- Waive* any late payment fees that any wireless, home phone or broadband residential or small business customer may incur because of economic hardship related to the coronavirus pandemic.
- Waive domestic wireless plan overage charges for data, voice or text for residential or small business wireless customers incurred because of economic hardship related to the coronavirus pandemic.
- (4) Keep our public Wi-Fi hotspots open for any American who needs them.

To provide further relief and support, AT&T announced:

- **Unlimited AT&T Home Internet** All AT&T consumer home internet wireline customers, as well as Fixed Wireless Internet, can use unlimited internet data.
- More Mobile Hotspot Data We are automatically increasing mobile hotspot data by 15GB a month for each line on an unlimited plan that currently includes a monthly tethering allotment. That means if you're on AT&T Unlimited Elite you'll automatically get 45GB a month of tethering per line.
- Added Prepaid Offers A limited time offer of \$15 for 2GB of data with unlimited talk and text will be
 available to new and existing customers with no activation fee for AT&T PREPAID and Cricket
 customers. We're also adding 10GB per month of additional data.
- Helping You Learn Remotely We're also offering schools a way to save on unlimited wireless broadband connectivity for students. Through May 22nd, qualified schools activating new lines on qualified data-only plans for school-issued tablets, 4G LTE-enabled laptops and hotspot devices will get the wireless data service at no cost for 60 days.

We're committed to being there when our customers and colleagues need us most. Visit AT&T's dedicated COVID-19 website for additional details and the latest updates.



EXHIBIT 5



Connecting the frontlines during COVID-19 response

How FirstNet supports public safety during emergencies

FirstNet: America's Public Safety Network

The Department of Commerce's **First Responder Network Authority** (FirstNet Authority) has delivered a nationwide broadband network to America's first responders, helping them communicate, save lives and protect our communities. The network provides first responders with their own always-on, 24/7, 365 "fast lane" for voice and data communications.

SUPPORTING PUBLIC SAFETY RESPONSE TO COVID-19

FirstNet is helping communities respond to COVID-19 by supporting public safety communications across the country. Healthcare workers and first responders are using the FirstNet network to communicate and coordinate operations at COVID-19 testing centers, field hospitals, and incident command posts. The network allows them to maintain reliable communications when and where they need it most – even during surge situations where commercial networks can become congested – and interoperate with other first responders across federal, state, and local agencies. The network's fleet of dedicated deployable assets – more than 70 portable cell sites available 24/7 at no additional charge – has also been called upon to help public safety agencies.

- ✓ More than 50 FirstNet mobile cell sites have been deployed for COVID-19 related emergencies.
- ✓ There are more than 13,000 agencies using more than 1.5 million connections on FirstNet (as of April 2020).
- ✓ The response to COVID-19 led to increased network use. First responders **consumed more than 2 times as much data** as AT&T commercial customers from January to May 2020. This underscores the need and importance of having a network specifically built for public safety's demanding and lifesaving mission.

EMERGENCY OPERATIONS CENTERS AND HEALTHCARE SITES

- FirstNet is working closely with federal, state, local and tribal emergency operations centers (EOCs) to make sure the network addresses first responders' communication needs during COVID-19 response. FirstNet is working with EOCs in every state and has deployed mobile cell site assets in states including Georgia, California, New York, and Connecticut.
- FirstNet portable cell sites and other devices have been deployed at testing facilities to ensure reliable communications for when crowds arrive for testing. The nation's first **COVID-19 Dedicated Care Center in Boston** needed reliable communications fast to care for an influx of patients. Thousands of FirstNet Ready™ devices including smartphones, MiFis and more were delivered to help first responders test and treat patients.
- FirstNet provided connections for public safety and healthcare workers inside the **US Naval Ship Comfort** in New York harbor by providing kits to install FirstNet service on the ship, and a FirstNet cell tower on wheels was used to bolster emergency communications for workers at the **US Naval Ship Mercy** in Los Angeles.

CONNECTING RURAL AND TRIBAL LOCATIONS

- To prepare for and meet the demand of caring for COVID-19 patients in rural California, FirstNet supported emergency communications in **Tulare County**, where a remote, makeshift hospital was set up at the Porterville Developmental Center. There, a portable FirstNet cell site was used to provide extra network coverage and capacity for public safety and healthcare workers in and around this critical healthcare facility. "With this support, our first responders and healthcare personnel will have the priority connectivity they need, when they need it." **Dennis Townsend, Tulare County (CA) Supervisor**
- The FirstNet Authority is actively working with tribal public safety agencies to support their unique communications needs and challenges for responding to COVID-19. FirstNet deployable assets have been deployed to multiple tribal areas to support communication needs where first responders need connectivity, including on the Navajo Nation. "We appreciate that FirstNet answered our call when we requested the deployable asset to provide critical connectivity for federal and tribal officials responding to the COVID-19 crisis." Chris Becenti, Executive Director, Navajo Nation Telecommunications Regulatory Commission Office

KEEPING 9-1-1 DISPATCHERS CONNECTED

• Emergency Communications Centers are critical for an effective emergency response, taking calls for assistance from the public and directing first responders to emergencies. In the City of Alexandria, Virginia, hotspots and smartphones powered by the FirstNet network are enabling 9-1-1 dispatchers to take calls and handle Computer Aided Dispatch (CAD) operations from their homes and remote locations. "We didn't want to rely on people's home internet because we know they can lose connectivity. We know we won't lose connectivity with FirstNet." – Renee Gordon, Director of Department of Emergency & Customer Communications (DECC), City of Alexandria, VA

COORDINATING MULTI-AGENCY RESPONSE

In Indiana, Strategic National Stockpile (SNS) medical supplies were received and distributed from a central location at Stout Field, Indiana Air National Guard Headquarters. Multiple state and local agencies came together to ensure that critical supplies reached local communities as quickly as possible. FirstNet provided seamless interoperability with the statewide radio system, which helped multi-agency communications and improved operations at Stout Field, Indiana Air National Guard Headquarters. "The Indiana State Department of Health team leading this effort carried either radios or cell phones – or both – and communication became quite difficult. We suggested they try FirstNet, and connected an existing LMR talkgroup to the FirstNet ePTT app. This solution really simplified and streamlined their communication process. They're now FirstNet believers." – Kelly Dignin, Executive Director, Integrated Public Safety Commission

FirstNet: Connecting and Protecting Communities

While COVID-19 has been front and center for all of public safety, agencies have had to respond to other emergencies and incidents, and FirstNet has been there to assist. The network covers more than 99% of the U.S. population, making rural coverage a top priority, and is the only nationwide, high-speed broadband network that is dedicated to America's first responders.

Rural and Remote America – FirstNet is bringing more connectivity and innovation to first responders operating in rural communities across the country. This includes adding rural coverage where it did not previously exist, such as the purpose-built FirstNet cell site on the Red Cliff Reservation in Wisconsin.

Telehealth – Health facilities are increasingly using telehealth applications to treat patients from a distance, and these applications can be data intensive and have a low tolerance for latency or jitter. FirstNet provides the bandwidth and capacity that enables video and photos to be used for telehealth purposes. The data prioritization on FirstNet gives first responders and health workers a network that will be there when they need it most.

Innovation – FirstNet is enabling a growing ecosystem of devices and apps for public safety personnel. More than 100 apps have been tested for additional security and reliability and are identified for public safety's use in the FirstNet App Catalog. Further, while consumers are using more apps to manage working from home and helping their children with distance learning, public safety agencies across the country are using the FirstNet App Catalog as they adjust and modify their response to COVID-19. In addition, the FirstNet Authority guides the future technology evolution of the network through its Roadmap and investments.





10 WAYS FIRSTNET WILL HELP PUBLIC SAFETY SAVE LIVES AND SECURE COMMUNITIES

Across the country, public safety personnel bravely serve their communities every day, answering the call when emergencies strike and risking their lives to secure and protect others. FirstNet is developing the first nationwide public safety broadband network to provide them the advanced communication and collaboration technologies they need. Here are ten ways FirstNet will help public safety save lives and secure communities:



1. Improving communications through an interoperable network

Today, first responders rely on more than 10,000 separate, incompatible, and often proprietary radio networks to communicate with each other during emergencies. Sometimes it's hard, or even impossible, for public safety to communicate and work together to save lives. To help address this challenge, the FirstNet network will be a single, nationwide, interoperable LTE network dedicated to public safety communications.



2. Connecting responders in rural America

Emergencies don't happen only in highly populated areas – which is why reaching rural America is one of FirstNet's top priorities. FirstNet is addressing rural coverage needs in multiple ways to deploy the network in places where coverage may be difficult. High-power towers can cover more rural space with less total infrastructure, as can deployable and satellite solutions.



3. Enhancing situational awareness in emergencies

FirstNet will carry high-speed data, location information, images, and video that can mean all the difference when seconds count. Just as smartphones have created a new era of real-time information and connectedness for individuals, the FirstNet network, devices, and applications will enable the awareness and collaboration the public safety community needs to save lives.



4. Giving public safety true priority

During emergencies, public safety needs to be able to communicate without interruption – lives depend on it. It is vital that our nation's law enforcement officers, firefighters, paramedics, and other responders have true priority for their daily and emergency communications needs. This is why FirstNet is deploying a wireless broadband network dedicated to public safety.



5. Offering vital capacity for planned events, large crowds

Emergencies aren't the only times when public safety needs capacity to communicate and send data. Planned events – like concerts, festivals, and sporting events – draw crowds to a single location, making it difficult for public safety to get the robust network capacity they need to do their jobs. That's where FirstNet will help, by providing needed bandwidth to coordinate public safety resources and respond to any incidents.



10 WAYS FIRSTNET WILL HELP PUBLIC SAFETY SAVE LIVES AND SECURE COMMUNITIES



6. Delivering actionable data via innovative apps, devices

Public safety needs data communications in the field and innovative public safety communications technology. That's why the FirstNet network is designed to deliver applications, devices, and services tailored to the needs of public safety. FirstNet will be a resilient, reliable network, enabling everything from smartphones to laptops, tablets, dongles, and specialty devices to work when public safety needs them the most.



7. Providing reliability and security when disaster strikes

First responders in every state face the challenge of preparing for and responding to natural disasters. Having reliable communications is an integral component of any plan or response effort. FirstNet can help public safety save lives and secure communities by ensuring a reliable communication system is in place to assist public safety and rescue crews before, during, and after a natural disaster.



8. Ensuring coordinated response to man-made disasters

In the face of man-made attacks or natural disasters, the ability to communicate is essential to first responders. Incident commanders need to convey vital data to every first responder—fast. They need to know if resources from neighboring jurisdictions can be available. FirstNet is working to deliver a broadband network with interoperability built-in from day one to enhance public safety's ability to protect and serve.



9. Driving innovation in life-saving, public safety communications technology

With the potential for millions of users on a single LTE network, FirstNet hopes to foster creation of a new ecosystem in which entities compete to deliver applications and other services through the FirstNet network. The nationwide scale brought by FirstNet will maximize the value of every public safety dollar spent by allowing public safety end-users to take advantage of an increasingly competitive marketplace.



10. The network first responders need to keep our communities safe

FirstNet is taking a "for public safety, by public safety" approach to planning and deploying the network. Through its consultation and outreach program, FirstNet has worked hand-in-hand with the public safety community to understand the capacity, coverage, service, and other public-safety-grade features they need to communicate and use 21st-century tools on the job.



EXHIBIT 6

Washington DC Office of Zoning 441 4th Street, NW, Suite 200S, Washington, DC 20001

re: Letter of Authorization by Tower Owner

To Whom it May Concern:

CSX entered into a lease agreement with Cityswitch II-A, LLC ("CitySwitch") to build a 199' monopole (195' pole with 4' lightning rod) inside a 60' x 48'6" compound (the "Facility") on behalf of New Cingular Wireless PCS, LLC d/b/a AT&T Mobility LLC ("AT&T").

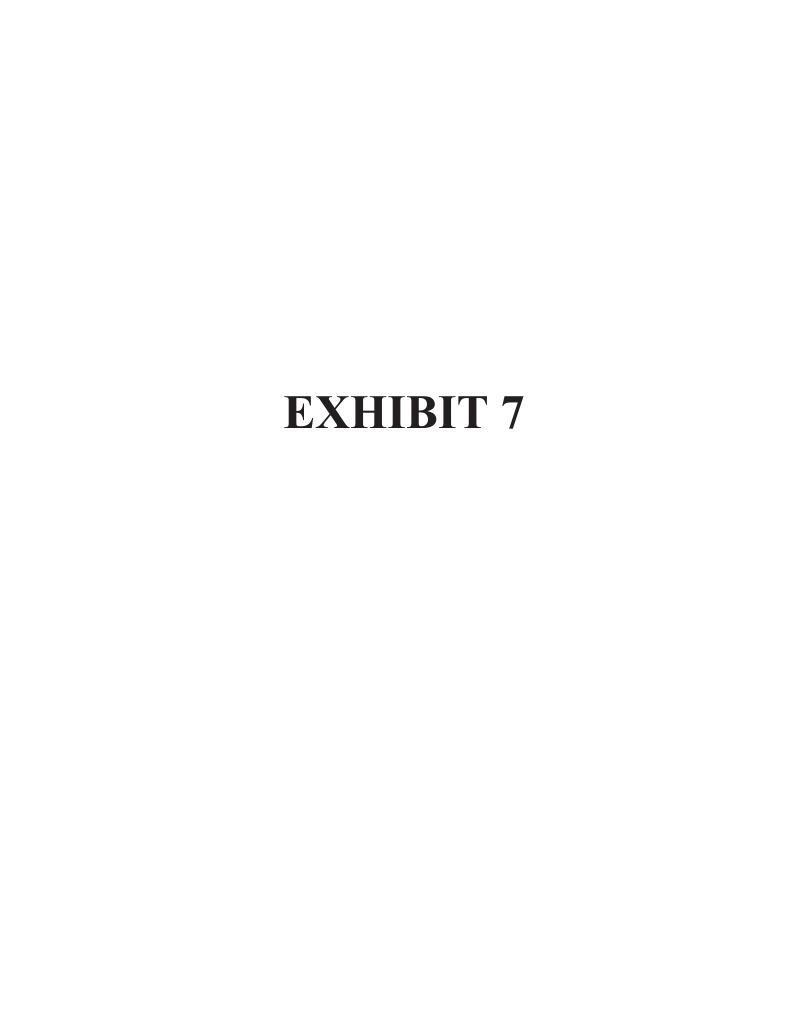
This letter authorizes AT&T, CitySwitch, the law firm of Saul Ewing Arnstein & Lehr LLP, and/or Smartlink LLC, and any and all of their agents and representatives, including but not limited to Gregory E. Rapisarda, Douglas A. Sampson, Gregory L. Waterworth, Cynthia Giordano, Ryan Foltz, and Bijan Olexo, to act as the agent for me and for CSX, for the purposes of filing and obtaining any and all land use, zoning, and/or permitting approvals from the DC Board of Zoning Adjustment and the DC Office of Zoning, including an application for a special exception. I hereby authorize CitySwitch, AT&T and/or Smartlink, and any and all of their agents and representatives, to have access the Property for the purpose of constructing, using, and maintaining the telecommunications facility as set forth more fully in the lease agreement.

I respectfully request that the Board of Zoning Adjustment grant the requested relief. Any copy or facsimile of this document shall be valid and treated as an original. Thank you for your cooperation and consideration.

SIGNED BY Timothy Cook

Name: Timothy Cook

Title: Directo





at&t

FA NUMBER: 10553724 SITE NAME: EMERY **SITE ID: 6382**

DCRA

WASHINGTON, DC 20019 225 33RD STREET, SE

SITE INFORMATION

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 - ±17.0° AMSL AT BASE GROUND ELEVATION: STRUCTURE TYPE:
- N 38" 52" 56.413" (NAD83) W 76" 57" 52.139" (NAD83) LATITUDE:

NOTE TO CAREAU, CONTRACTOR NO WARG. TO BE ERRORADED ON THIS STE WITHOUT REVIEW OF THE APPROLED STRUCTURAL ANALYSIS. IF ANY NODGROWALES ARE FOUND THE CENERAL CONTRACTOR SHALL MOTEY ENCRETE IN WITHING, AT NO THE WILL ANY AUDITIONAL ANTENNAS BE INSTALLED WITHOUT WRITTEN CONSENT FROM TOWER DIOMERED.

Ocedar Hill SCALE: 1" = 2,000"

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE TOWN COCKS AS ADVISED BY THE LICEAL DOTRINGN INFORMEN IN THESE PLANS IS TO BE CONSTRUED TO PERSON THE OFFICE AND THE PERSON OF THE TOLLOWING CODES. - AMERICAN INSTITUTE OF STEEL CONSTRUCTION - 2017 DISTRICT OF COLUMBIA CONSTRUCTION CODE

- MANUAL OF STEEL CONSTRUCTION 13TH EDITION - 2015 INTERNATIONAL BUILDING CODE
 - ANSI/TIA-222-G - 2017 DCMR 12C, DC ELECTRICAL CODE

ENTREX COMMUNICATION SERVICES, INC. 6100 EXECUTIVE BLVD, SUITE 350 ROCKVILLE, MD 20852 CAMILLE SHABSHAB (202) 408—0960

ARCHITECT/ENGINEER:

AT&T MOBILITY 7150 STANDARD DRIVE HANOVER, MD 21076

PROJECT TEAM

SMARTLINK LLC 1362 MELLON RD, SUITE 140 HANOVER, MD 21076 PHONE: (410) 582-8043

PROJECT MANAGEMENTS

- 2014 NATIONAL ELECTRICAL CODE - 2017 DCMR 12H, DC FIRE CODE

- INSTITUTE FOR ELECTRICAL & ELECTRONICS ENGINEER 81

- 2015 INTERNATIONAL FIRE CODE
- 2017 DCMR 12J, DC EXISTING BUILDING CODE AMERICAN CONCRETE INSTITUTE
- IEEE C2 NATIONAL ELECTRIC SAFETY CODE LATEST EDITION - TELECORDIA GR-1275

RF ENGINEER

SHEET INDEX

6100 EXECUTIVE BLVD, STE 430 ROCKVILLE, MD 20852 PHONE: (202) 408-0960

at&t 7150 STANDARD DRIVE HANOVER, MD 21076

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entrex

- GENERAL NOTES
 - SITE PLAN
- COMPOUND & EQUIPMENT LOCATION PLAN
 - MONOPOLE ELEVATION
 - ANTENNA SCHEDULE
- RF PLUMBING DIAGRAM
- ANTENNA & RRU DETAILS
- ANTENNA LOCATION PLAN AND SECTION
- **EQUIPMENT AND SITE DETAILS** WIC AND GENERATOR PLAN

SITE

GENERATOR DETAILS

smartlink

1362 MELLON RD, STE 140 HANOVER, MD 21076 PHONE: (410) 582-8043 FAX: (410) 221-2962

HESE DRAWINGS ARE FORMATTED TO BE FULL-SIZE AT 22"X34" 0 1/2 1 GRAPHIC SCALE IN INCHES

PROJECT NO: 1152.440 DESIGNER: TMF



EMERY 225 33RD STREET, SE WASHINGTON, DC 20019 FA NUMBER: 10553724 SITE #: 6382

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	SUBMITTALS	TO CONTRACT OF CON
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	SUBMITTALS	
DATE	DESCRIPTION	REVISION
05-11-2021	ZONING REVIEW	A
08-31-2021	ZONING	0
01-11-2022	UPDATE SITE PLAN & SETBACKS	-
пле:	TITLE SHEET	
SHEET NUMBER:	3ER:	
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DATE DATE DATE DATE

SITE AQUISITION

CONSTRUCTION MANAGER

APPROVED REVISE & AS NOTED RESUBMIT

APPROVAL BLOCK

OWNER REPRESENTATIVE

STRUCUTRAL NOTES

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: MATERIAL, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE FOLLOWING ASTM PEOFICATIONS

| SAN | SAN

4, ALL WELDING SHALL BE IN ACCORDANCE WITH AMS DI.1 USING E70XX ELECIRODES, UNLESS OTHERMSE NOTED PROVIDE CONTINUOUS MINIMUM SIZED FILLET WELDS PER AISC REQUIREMENTS.

5. HOLES IN STEEL SHALL BE DRILLED OR PUNCHED. ALL SLOTTED HOLES SHALL BE PROVIDED WITH SMOOTH BOATS. BURNANC OF HOLES AND TORNO COTTING AT THE SITE IN NOT PERMITTED, ALL HOLES IN BEARING PLATES SHALL BE DRILLED. 3. ALL STEEL TO BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123. 7. EPOXY ANCHORS TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

9. THE INFORMATION SHOWN ON THESE DRAWNIGS WAS GREAMED BY FIELD WEASSHIREN. THE GENERAL THE RESTING CONDITIONS AND INDITY THE ENGREER OF ANY DISCREMANCES PRIOR TO GROENING MATERIALS OR PROCEEDING WITH CONSTRUCTION. ALL BOLTS SHALL BE TIGHTENED USING TURN-OF—THE-NUT METHOD PER AISC SPECIFICATIONS USING STANDARD HOLES.

The general contractor and his sub consultants shall be responsible to obtaining all bulding and or trade permits and inspections that may recured for the work.

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13. NORTH ARROW SHOWN ON PLANS REFERS TO TRUE NORTH. CONTRACTOR SHALL SHALL VERIFY NORTH AND INFORM ARCHITECT/ENGNEER OF ANY DISCREPANCY BEFORE STARTING CONSTRUCTION.

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15. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE BUILDING OWNER'S ROOF CONTRACTOR WAN WITH COMPLETE ALL WORK ASSOLATIOD WITH PROCE. THE CONTRACTOR SHALL GBYAN WATTER APPROVAL FROM THE BULDING OWNER'S ROOF CONTRACTOR BEFORE INSTALLATION OF ANY ROOF WOUNTED EQUIPMENT.

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CONCRETE SHALL BE 4 TO 6% AIR ENTRAINED.

18. ALL REINFORCING STEEL SHALL CONFORM TO ASTM 615 GRADE 60. DEFORMED BILLET STEEL BARS. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.

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3. THE CONTRACTOR SHALL NOTITY THE CONSTRUCTION MANAGER. IN WEITING, OF ANY CONTRACTOR, SHORE OF OTHER SHALLOW, SHORE OF CHARGON, IN THE BID DOODMENTS SHALL NOT RELIEVE THE GOODMENTS SHALL NOT RELIEVE THE CONTRACTOR ROW RESPONSBULTY FOR THE OFFICE THE UNIFIED OF THE CONTRACTOR ROW RESPONSBULTY FOR THE OFFICE THE OFFIC 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND NOPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR AUNICHAL AUTHORITIES.

I, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING STE MPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED AS A RESULT OF CONSTRUCTION OF THIS FACULTY. 5. THE SCOPE OF WORK FOR THIS PROJECT SHALL MICLIDE PROVIDING ALL MATERIALS, EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

6. THE CONTRACTOR SHALL VISIT THE PROJECT STE PRIOR TO SUBMITTING A BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

3. Transmitter Equipment and Antennas are designed to meet ansi/Eia/Tij 222-g requirements. 7. CONTRACTOR SHALL VERIFY ANTENNA ELEVATION AND AZINUTH WITH RF-ENGINEERING PRIOR TO INSTALLATION.

10. CONTRACTOR SHALL MAKE A UTILITY "ONE CALL" TO LOCATE ALL UTILITES PROR TO EXCAVATING. 9. ALL STRUCTURAL ELEMENTS SHALL BE HOT DIPPED GALVANIZED STEEL.

11. IF ANY UNDERGROUND UTILITIES OR STRUCTURES EXIST BENEATH THE PROLECT AREA, CONTRACTOR MUST LOCATE IT AND CONTACT THE APPLICANT & THE OWNER'S REPRESENTATIVE.

OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION BY TECHNICIANS APPROXIMATELY 2 TIMES PER MONTH.

13. PROPERTY LINE INFORMATION WAS PREPARED USING DEEDS, TAX MAPS, AND PLANS OF RECORD AND SHOULD NOT BE CONSTRUED AS AN ACCIRATE BOUNDAR SURVEY.

14. THIS PLAN IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD. 15. THE PROPOSED FACULTY WILL CAUSE ONLY A "DE MINIMIS" INCREASE IN STORMWATER RUNOFF. THEREFORE, NO DRAINAGE STRUCTURES ARE PROPOSED.

17. THE FACILITY IS UMMANNED AND NOT INTENDED FOR HUMAN HABITATION (NO HANDICAP ACCESS REQUIRED). 16. NO SIGNIFICANT NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS FACULTY.

9, POWER TO THE FACULTY WILL BE MONTORED BY A SEPARATE METER UNLESS DIHERMISE NOTED IN THIS DRAWING SET. 18. THE FACILITY IS UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SANTARY SERVICE. 20. ALL ANTENNA SCREENING SHALL BE FINISHED OR PAINTED TO MATCH THE STRUCTURE AS DIRECTED BY THE FACILITIES MANAGEMENT DIVISION.

SROUNDING NOTES

2. ALL GROUNDING DEMCES SHALL BE U.L. APPROVED OR LISTED FOR THEIR INTENDED USE. I. GROUNDING SHALL COMPLY WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.

4. ORCHADING CONNECTIONS TO GROUND ROOS, GROUND RING WRE, TOWER BASE AND FENCE POSTS SHALL BE EXOTHERMY. ("CAUMELISE") WALESS OTHERWISE. CLEAN SIRFAKES TO SHAY METAL WERE GROUND WRES ARE CAUMELISED TO CALVANIZED SIRFAKE, SPRAY CAUMELID MITH GALVANIZED SPRAY. 3. ALL WRES SHALL BE AWG THHN/THWN COPPER UNLESS NOTED OTHERWISE.

5. GROUNDING CONNECTIONS TO GROUND BARS ARE TO BE THO HOLE BRASS MECHANICAL CONNECTIONS WITH STAINLESS SELECT HARDWARE (ROLLDING SKEWN SET) DELAN GROUND BARS TO SHINY MELLA, AFTER MECHANICAL CONNECTION, TREAT WITH PROTECTIVE ANIMOZOLANI COANIMO 6. GROUND COAXIAL CABLE SHIELDS AT BOTH ENDS WITH MANUFACTURER'S GROUNDING KITS.

9. RETER TO GROUNDING PLAN FOR GROUND BAR LOCATIONS, GROUNDING CONNECTIONS SHALL BE DEOFERMED THE CALMELDS") TO ANTENNA MOUNTS AND GROUND RIVE, REDAINING GROUNDING CONNECTIONS SHALL BE COMPRESSION FITTINGS, CONNECTION TO GROUND BARS SHALL BE MADE WITH THE LUCS. 8. INSTALL 2 AWG GREEN-INGULATED STRANDED WRE FOR ABOVE GRADE GROUNDING AND 2 BARE TINNED COPPER MIRE FOR BELOW GRADE GROUNDING UNLESS OTHERWISE NOTED. 7. ROUTE GROUNDING CONDUCTORS THE SHORTEST AND STRAIGHTEST PATH POSSIBLE. BEND GROUNDING LEADS WITH A MINIMUM 12" RADIUS.

10. THE GROUND ELECTRODE SYSTEM SHALL CONSST OF DRIVEN GROUND ROOS POSITION ACCIOUNG WIND ACCOUNDING PLAN. THE GROUND FOR SYSTEM STREAM ES SYSTEM, ES SYSTEM, OF STREAM STREAM SYSTEM WITH 2 SARE THINEST OCPERS WERE BIRRED SYSTEM, REQUIRE DROY ROLLING FOR WEARING AND SYSTEM SY

11. IF ROCK IS ENCOUNTERED GROUND RODS SHALL BE PLACED AT AN OBLIQUE ANGLE NOT TO EXCEED 45. 12. EXOTHERMIC WELDS SHALL BE MADE IN ACCORDANCE WITH ERICO PRODUCTS BULLETIN A-AT.

13. CONSTRUCTION OF GROUND RING AND CONNECTIONS TO EXISTING GROUND RING SYSTEM SHALL DOCUMENTED WITH PHOTOGRAPHS PRIOR TO BACKFILLING SITE, PROVIDE PHOTOS TO THE AT&T CONCRUENCITON MANAGER. 14. GROUND RING & CONNECTIONS TO 1T SHALL BE 2 AWG SOLUD BARE TRANED COPPER WIRE. EQUIPMENT GROUND CONNECTIONS TO MGB SHALL BE 2 AWG STRANDED TO WIRE. 15. PRIOR TO INSTALLING LUGS ON GROUND WRES, APPLY THOMAS & BETTS KOPR-SHELD (TAN OF LET LUBE ING.), PRIOR TO BOLTING GROUND WRE LUGS TO GROUND BARS, APPLY KOPR-SHELD OR SCOMIL.

16. BIGAGE, AN INDEPENDRY ELECTRICAL TESTING FIRM TO TEST AND VERRY THAT IMPEDANCE DOES WIT SCHOOL BY EACH OF THAT OF DOTHRILL TEST. TEST SHALL WIT SCHOOL BY REACH OF THAT OF DOTHRILL TEST. TEST SHALL TEST FOR AN INSTANCE THE PRESENANTINE, AND RECORDED ON THE "DROUGH RESSEARCE TEST" FOR IS, PREPARE ALL BONDING SLIFFACES FOR GROUNDING CONNECTIONS BY REMOVING ALL PAINT AND SCORSCION DOWN TO SHINY METAL, FOLLOWING CONNECTIONS, APPLY APPROPRIATE ANTI-DXXXXATION PAINT. 17. WHERE BARE COPPER GROUND WRES ARE ROUTED FROM ANY CONNECTION ABOVE GRADE TO ROUND RING, MISTALL WRE IN 3/4" PVC SLEEVE, FROM 1' BELOW GRADE AND SEAL TOP WITH SULCOVE MATERIAL.

19. WHERE METALLIC ENCLOSURES AND OBJECTS ARE LOCATED WITHIN 6 FEET OF METAL FENCING, THE GROUND RING SHALL BE BONDED TO THE MEAREST FENCE POST. 20. TOWER BASE GROUND BAR RECURRES (2) SOLID LEADS EXOTHERMICALLY WELDED TO THE GROUND BAR.

21. OUTDOOR STES: WAN GROUND BAR REQUIRES (2) SOUD LEADS EXOTHERMICALLY WELDED TO IT AND TO THE GROUND RING. 22. INDOCR/ROOFTOP SITES: MAIN GROUND BAR SHALL BE BONDED TO BUILDING PRINCIPAL GROUND AS SHOWN ON PLAN. 23. ALL SOLID LEADS TERMINATED TO GROUND BARS SHALL BE PROTECTED WITH CARFLEX

24, ALL SOLID GROUND LEADS NOT BEING USED SHALL BE COILED (PIGTALS) FOR FUTURE USE AS MEBED. 25. DO NOT ROUTE GROUNDING CONDUCTIONS THEORY METALLIC GRECIST THAT FORM A RING MACHINE THE CONDUCTION. CLIPS AND FASTENERS USED TO SECURE ANY GROUND WIRE SHALL BE NOW-METALLIC TO PREVENT CHINE THEORY.

ELECTRICAL ABBREVIATIONS

MOB MAIN OROUT BREMER MO AMN LUSS ONLY NEC NATIONAL ELETRICAL CODE NTS NON-FUSBLE SMETY SWITCH PV POLE P POLE RIGID METAL CONDUIT VOLT WIRE K V W ASYMMETRICAL INTERRUPT CURRENT AMERICAN WRE GAUGE CONDUIT CELL SITE CABINET
FUSIBLE SAFETY SWITCH
GROUND FAULT INTERRUPTING AMPREROL MERGUE NESSUR SAME TRACLINES OF SAME TR

ELECTRICAL NOTES

CONTRACTOR SHALL PERFORM ALL VERRICATIONS, GRSENATION ITSIS, AND EXAMINATION WORK PRORY TO ORDERNO OF ANY EQUENDAY AND THE ACTUAL CONSTRUCTOR, CONTRACTOR SHALL ISSUE A WRITTEN MOTICE OF ALL FINDINGS TO THE PROJECT MANAGER LISTING ALL MAJUNCTIONS, FAULTY COUPMENT AND DISOSTEPANCES.

3. VERIFY HEIGHT WITH PROJECT MANAGER PRIOR TO INSTALLATION.

4. THESE PLANS ARE DIAGRAMMATIC ONLY, FOLLOW AS CLOSELY AS POSSIBLE.

6. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, INSTRANCE, EQUIPAENT INSTALLATION CONSTRUCTION TOOS, TRANSPORTATION ECT., FOR COMPLETE, AND FANCITOMALY OPERATING SYSTEMS HERCAZED AND FLADY FOR USE. THROUGHOUT AS INDICATED ON DRAWNINGS, AS SPECIFIED HEREIN AND/OR AS OTHERWISE RECUIRED.

8. ALL WORK SHALL COMPLY WITH ALL APPLICABLE GOVERNING STATE, COUNTY AND CITY CODES AND OSHA, NFPA, NFC & ASHRAE REQUIREMENTS.

9. BUTRE, LOB SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF JOB STEPCHARE, ALL WINK, MATERIAL AND EQUIPMENT FOUND TO BE FAULTY DURING THAT PERIOD SHALL BE CORRECTED AT ONCE, UPON WRITTEN NOTIFICATION, AT THE DIPENSE OF THE CONTRACTOR.

10. PROPERLY SEAL ALL PENETRATIONS, PROVIDE UL LISTED FIRE—STOPS WHERE PENETRATIONS ARE MADDE THROUGH FIRE—RATED ASSEMBLIES, WATER—TIGHT USING SILICONE SEALANT.

11. LOCATE ALL PENETRATIONS SUCH THAT ALL REINFORCEMENT CONTANED WITHIN THE EXISTING CALLING CONSTRUCTION REALING, INTEXT AND UNDISTURBED. SUBJIT LOCATING METHOD TO PROJECT MANAGER FOR A PREPOVAL PRIOR TO EXECUTION.

4, ALL CIRCUIT BREAKERS, FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTING RATING NOT LESS THE MAXIMUM, INTERRUPTING CURRENT TO WHICH THEY MAY BE SUBJECTED. IS, THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE; ARTICLES 250 & 810 AND THE UTILITY COMPANY STANDARDS.

C. LIQUID—TIGHT FLEXIBLE METAL CONDUIT SHALL BE ULL LISTED AND SHALL BE USED AT PHALL CONFOCINGY TO MECHANICAL COLOUPLENT & RECEIPERS AND WEERE PERMITTED BY CODE, ALL CONDUIT IT EXCESS OF SIX FEET IN LENGTH SHALL CONTAIN A FULL—SIZE GROUND CONDUICTOR.

COMOUT RANS SHALL BE SARFACE MOUNTED ON CELINGS OR WALLS
THESS MOTED PROBREME, ALL COMOUT SHALL BHY ARALLEL OR
PERFENDIOLING TO WALLS, FLOOR, CELING, OR BEAMS, YERRY EACH
OUTUNG OF ALL EXPOSED COMOUT WITH THE PROJECT MANAGER PRIOR
INSTALLING.

F. THE TOTAL RADII OF BENDS IN A CONDUIT SHALL NOT EXCEED 360".

17. ALL ELCTRICAL, EQUIPMENT SHALL BE LABELD WITH PERMANENT DIVRANCE PHENOLIC PLASTIC MARPALITES, EXCROSIONDO SHALL BE BLACK WITH WHITE LETTERS, EXCEPT AS REQUIRED BY CODE TO POLYMAN A DIFFERENT SCHOLE.

20. COORDINATE WITH UTILITY COMPANY FOR CONNECTION OF TEMPORARY AND PERUAMENT POWER TO THE SITE. THE TEMPORARY POWER AND ALL HOCKUP COSTS SHALL BE PAID BY THE CONTRACTOR.

1. SUBMITAL OF BID INDICATES THAT THE CONTRACTOR IS COCKIZANT OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED UNDER THIS CONTRACT.

5, CONTRACTOR SHALL COORDINATE ALL WORK BETWEEN TRADES AND ALL OTHER SCHEDULING AND PROVISIONALLY CIRCUMSTANCES SURROUNDING THE PROJECT.

7. ALL MATINGS AND CORPORATION WERE PROTECTION WERE HEALTHD AND SYMMED OF THE ESTS GROUND WERE PRESENTED THE SAME WEIGHT THE PROTECTION WERE HEALTHD AND SAME OF THE CENTRAL C

12. DELIVER ALL BROCHURES, OPERATING MANUALS, CATALOGS AND SHOP DRANINGS TO THE PROLECT MAKGER AT USE CONFILETON, PROLICE MAINTENANCE MANUALS FOR MECHANICAL EQUIPMENT, RFTIX MANUTENANCE MELS TO MECHANICAL EQUIPMENT.

ALL CONDUCTORS SHALL BE COPPER, MINIMUM CONDUCTOR SIZE SHALL BE 12 ANG, UNLESS OTHERWISE NOTED. CONDUCTORS SHALL BE TYPE THHW, RATED IN ACCORDANCE WITH NEC 110-14(C).

6. CONDUIT: ALL ABOVE GRADE CONDUITS SHALL BE RIGID & LFMC TO 6" AS STATED BELOW

A REGO CHOUSE VAILE BY LL LEGGE ALLAWSCESS TO CONTENT WITH TAX INFERROR AND SHALL BY LL GERN, HORSE PRICE ROUGHST, SAGS, NOTACKT WITH THE EARTH, HORSE PRICE ROUGHST, IN MASHARY WALLS OF DEPOSED ON BUILDING EXTERIOR. RISED CORDUIT OCHNICKY WILL SOFT DEPOSED ON BUILDING EXTERIOR RISED CORDUIT PROJECTS NO. 3.

B. ELECTRICAL METALLIC TUBING SHALL HAVE UL. LABEL, FITTINGS SHALL BE GLAND RING COMPRESSION TYPE. ENT SHALL BE USED ONLY FOR INTERIOR RUNS.

PVC CONDUIT MAY BE PROVIDED ONLY WHERE SHOWN, OR IN UNDERGROUND INSTALLATIONS, PROVIDE UN-PRESSTANT CONDUIT WHERE EXPOSED TO THE ATMOSPHERE PROVIDE GROUND CONDUCTOR IN ALL PVC RUNS; EXCEPT WHERE PERMITTED BY CODE TO OMIT.

IR LIPON COMPLETION OF WORK, COMULCI CONTINUITY, SHORT CIRCUIT, AND FALL OF POTENTIAL SKOODWING ISSESS FOR APPROVING SHOUL SHOULD SEED SHOULD SHOULD

US CAREN PERMISSIS OF ALL BERISHS RESULTING FROM WORK WARE LAFE WAREN AT A COMPLETE. AND WARMACED CHORITON. LEGALT DEPOSE OF ALL REBUCKED, UNIVERSIT AND EXCESS MATERIAL SCREAKING TO THE WORK OF THIS COMPRISE. LEGALER MISSION MISSION AND EXCESS MATERIAL COMPLETE AND WAREN OF COMPUTION, CHAIN SCANDER, CEDETY LIPON BELINERY.

21. VERIFY ALL EXISTING CIRCUITRY PRIOR TO REMOVAL, AND NEW WORK, MAINTAIN POWER TO ALL OTHER AREAS AND CIRCUITS NOT SCHEDULED FOR REMOVAL.

UQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT

22. RED LINED AS-BUILT PLANS SHALL BE PROVIDED TO THE AT&T CONSTRUCTION MANAGER.



6100 EXECUTIVE BLVD, STE 430 ROCKVILLE, MD 20852 PHONE: (202) 408-0960

entrex



I MA RESPONSIBLE FOR DETERMINAD THAT THE ENHANCEM OF DESCRIPS NATURED IN 1985 PAPLICATION, RISE INCORPE, MACE WITH ALL RELEVANT LUANA LANGEGUAL/TONS OF THE DESTRUCT COLUMBAL I HAVE RESORMLY. PRESENDING OF ONE DESTRUCT STREAMS DIVER THE ENGARESHO DESTONS NEWS ARE AND THE ENGARESHO DESTONS NEWS AND ONE OF THE ENGARESHO DESTONS NEWS AND ONE DESTRUCT.



PROJECT NO: 1152.440 DESIGNER: TMF



HESE DRAWINGS ARE FORMATTED TO BE FULL-SIZE AT 22"X34"



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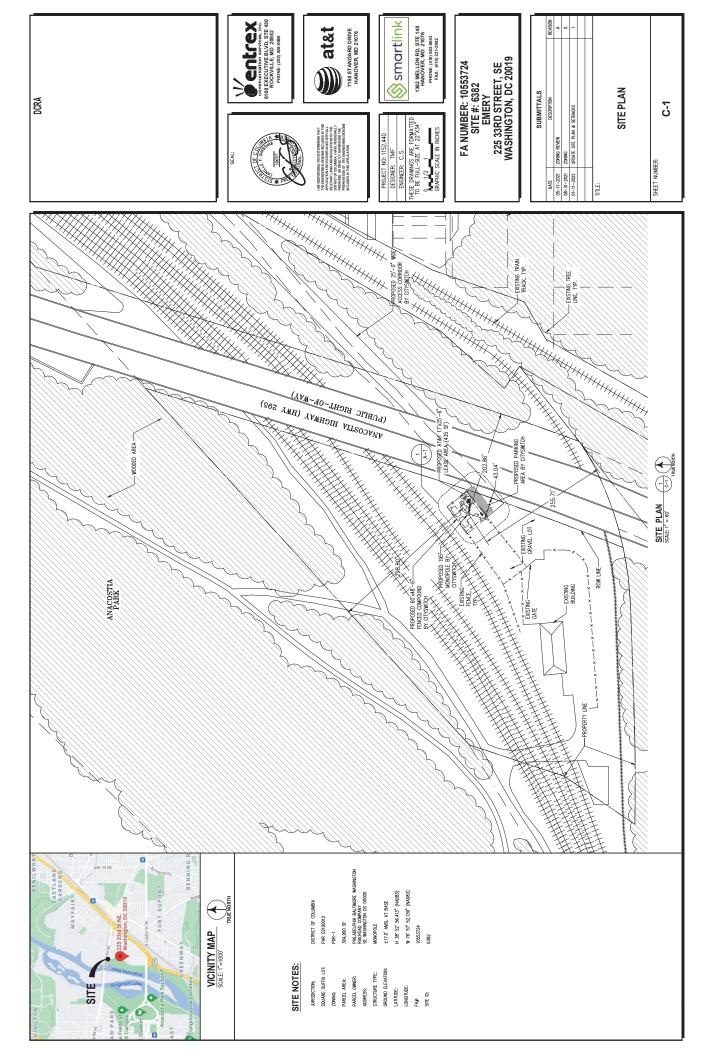
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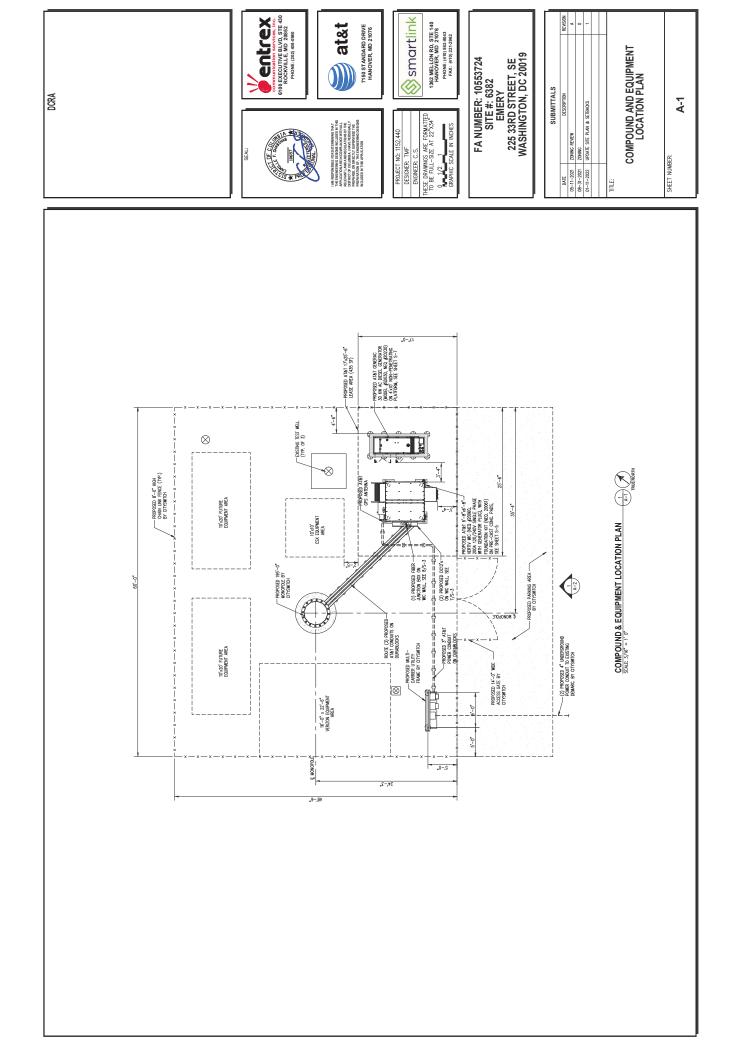
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	SUBMITTALS	
DATE	DESCRIPTION	REVISION
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-11-2022	UPDATE SITE PLAN & SETBACKS	-

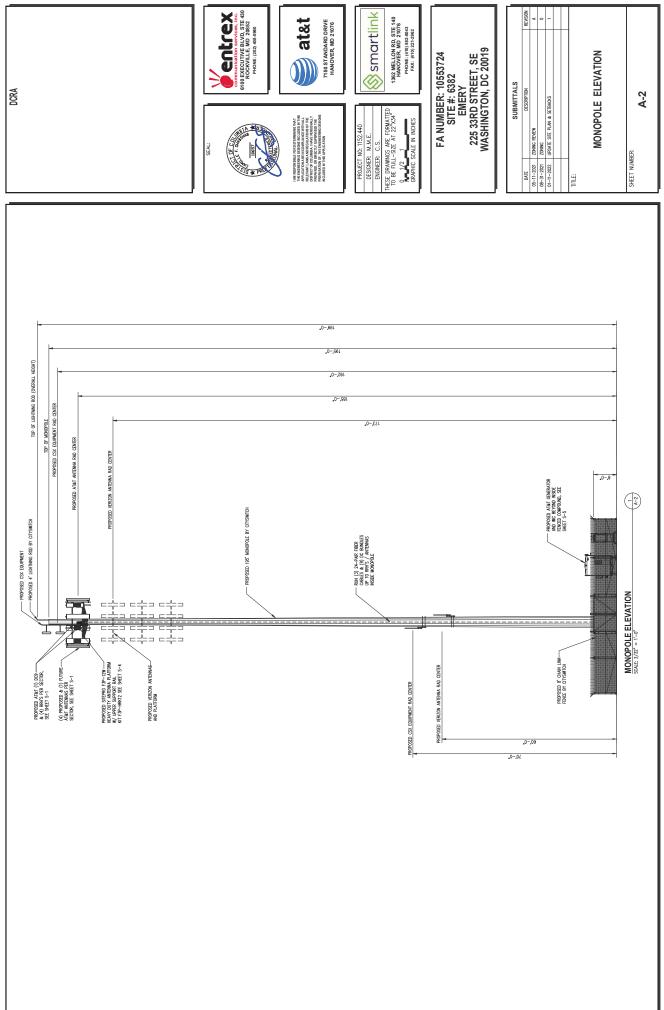
GENERAL NOTES

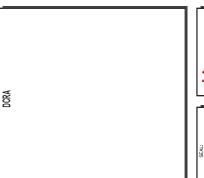
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RRH/TMA QUANTITY	AND MODEL			(1) NOKIA TRIBAND RRH 4T4R	B12/14/29 370W AHLBBA		:	(1) AIRSCALE DUAL RRH 4T4R B25/66 320W AHFIB	000000000000000000000000000000000000000	FUTURE	(1) AIRSCALE RRH 4T4R B5 160W AHCA	(1) AIRSCALE RRH 4T4R B30 100W AHNA	1	1	(1) NOKIA TRIBAND RRH 4T4R		(1) ARSCALE DUAL RRH 4T4R B25/66 320W AHFIB	FUTURE	(1) AIRSCALE RRH 4T4R B5 160W AHCA	(1) AIRSCALE RRH 4T4R B30 100W AHNA	1	=	(1) NOKIA TRIBAND RRH 474R B12/14/29 370W AHLBBA	(1) AIRSCALE DUAL RRH	4T4R B25/66 320W AHFIB	FUTURE	(1) AIRSCALE RRH 4T4R B5 160W AHCA	(1) AIRSCALE RRH 4T4R B30 100W AHNA	
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NOKIA, TRBAND RRH 414R B12/14/29 370W AHLBA, († PER SECTOR) ANSCALE DJAL RRH 414R B25/66 320W AHLB. († PER SECTOR) ANSCALE RHH 414R B2 160W AHCA, († PER SECTOR) ANSCALE RRH 414R B20 100W AHMA, († PER SECTOR) TOTAL # OF ANTENNAS: 12 # OF FUTURE ANTENNAS: 3

EQUIPMENT ON A 10'-0" × 16'-0" CONCRETE PAD NEW EQUIPMENT: YES

- MOTES.

 1. SHECKIRACTOR SHALL CORGINATE COLOR CODING WITH THE MASTER COLOR CODE DOCUMENT.

 2. INSTALL SHECK ARRESTORS ON KEW MAIN COLAXAL, CABLES, GROUND TO KEAREST GROUND BAR.

 3. SUB CONTRACTOR SHALL DRISKALL, BRASS DEWIFICATION TAG (1 1/2" ND DAKETER WITH 1/4" STAMED LITTERS AND NUMBERS. ONE AT THE ANTENNA, PORT CONNECTION NUMBER. THE BIO OF THE JUMPER AND ONE ON EACH BIO OF THE JUMPER SERVING THE RADIO COUPWENT. EACH TAG WILL BE STAMPED WITH "ATT" AND THE ANTENNA PORT DENTIFICATION NUMBER. TAGS SHALL BE ATTACHED WITH CORROSSON PROOF UV RESISTANT WIE. OR CHREE-TY.

FE DESON NOTE.
Afternor and Cox Cable schedule has been created using the RTDS dated O1-271-2021 Revision V2021_1.1.0. All anterna design, zoning, structural analysis, permits and complaines submissions are coordinated with the fore mentioned document.

entrex 6100 EXECUTIVE BLVD, STE 430 ROCKVILLE, MD 20852 PHONE: (202) 408-0960





at&t 7150 STANDARD DRIVE HANOVER, MD 21076







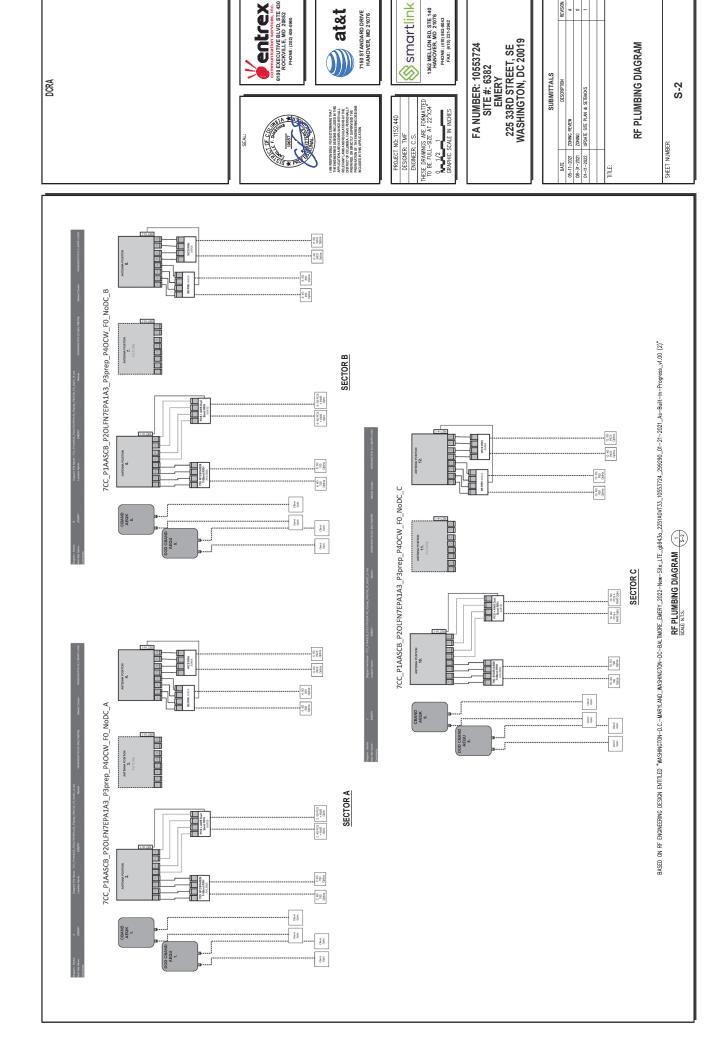
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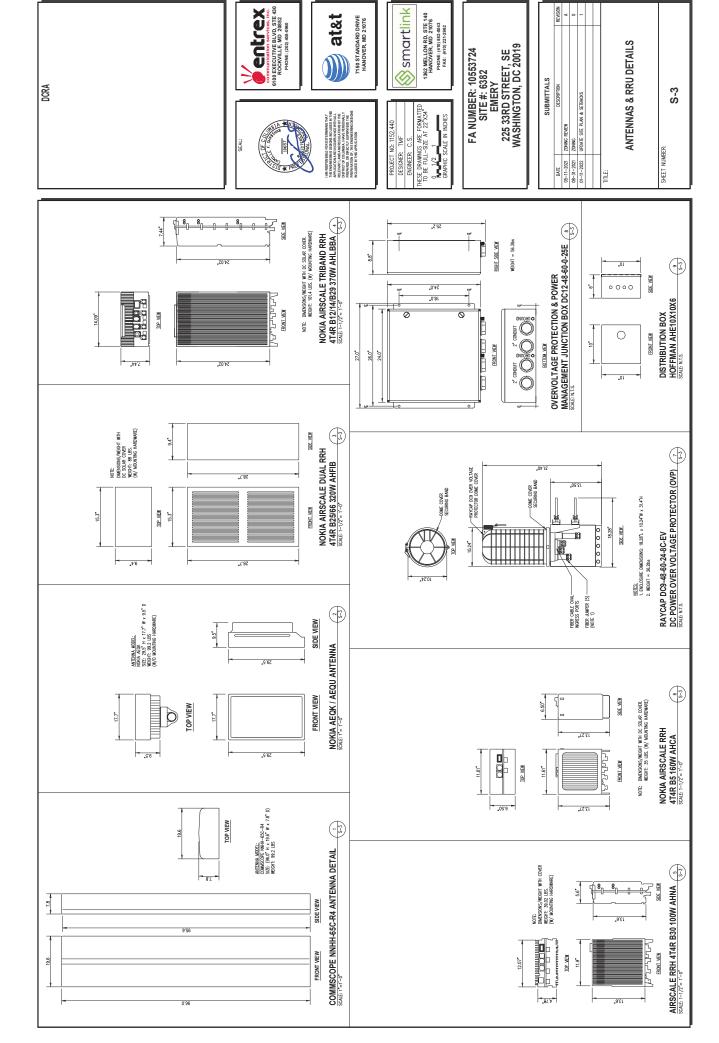
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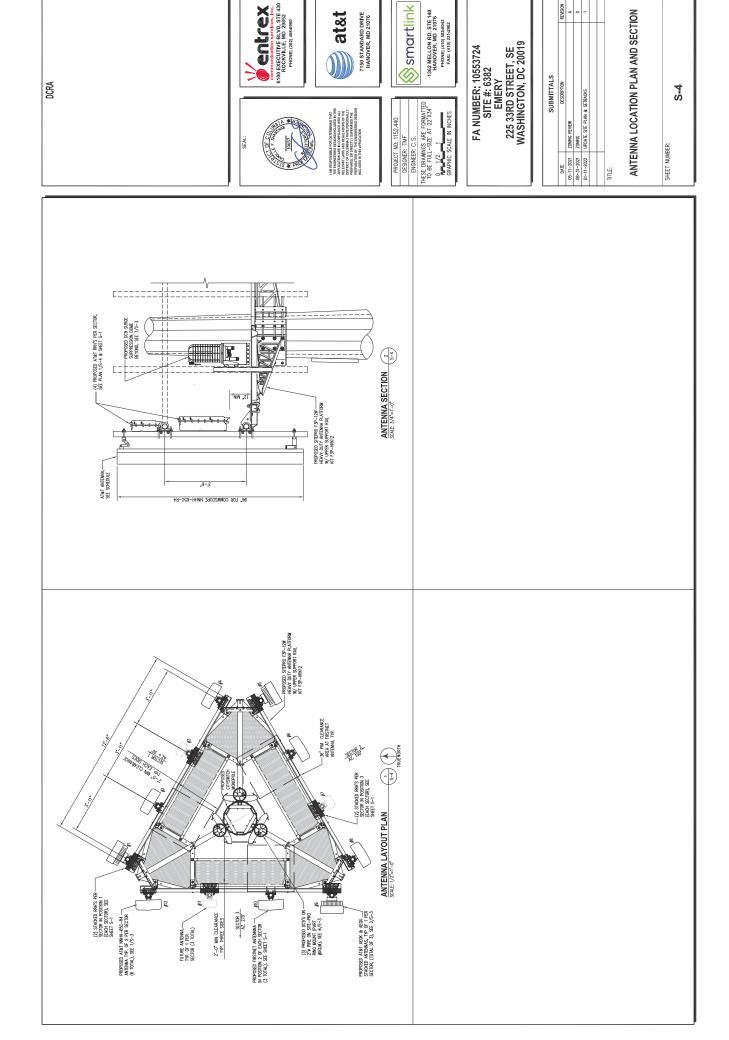
ANTENNA SCHEDULE

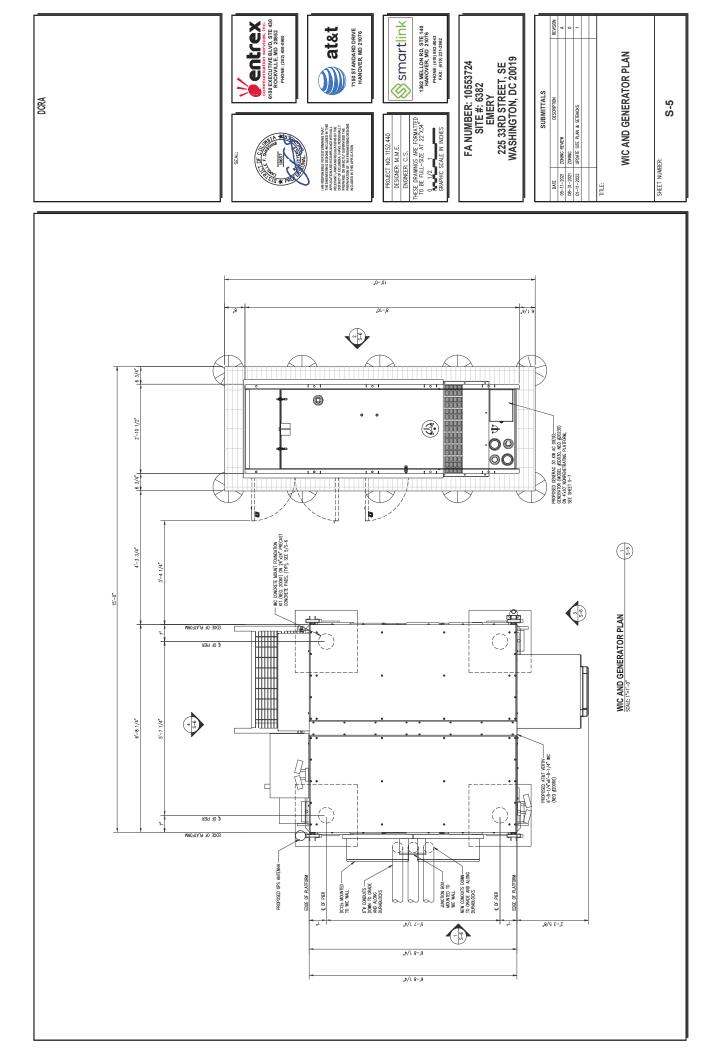
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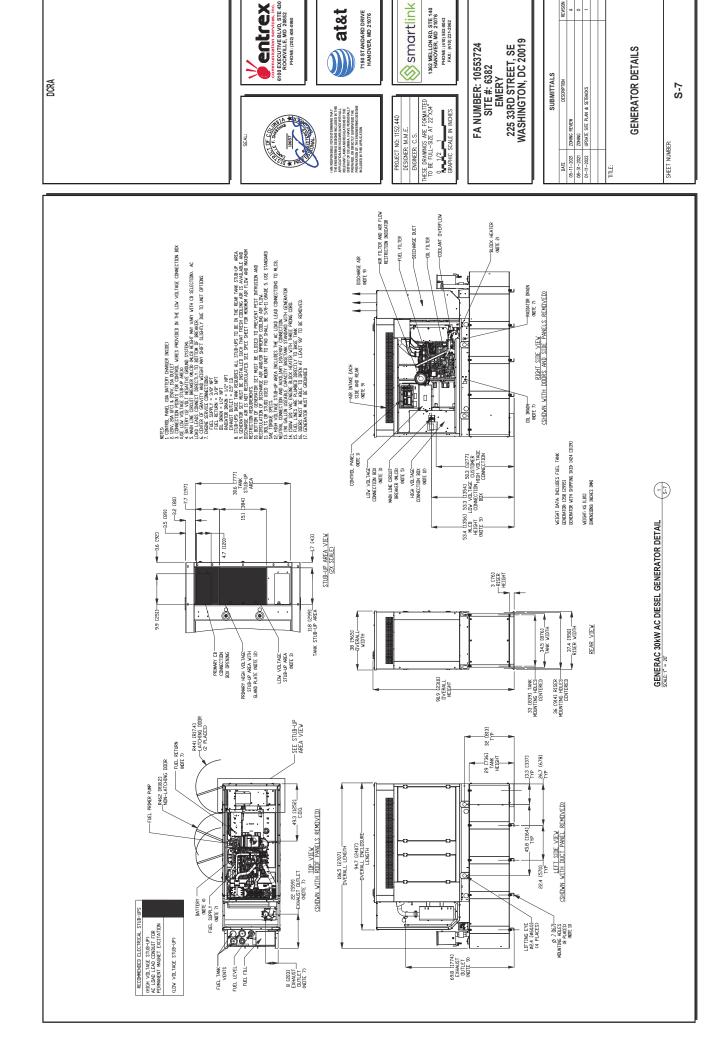
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7150 STANDARD DRIVE HANOVER, MD 21076



April 20, 2021

Gary Cooper Director, Development CitySwitch II 1900 Century Place, Suite 320 Atlanta, GA 30345

RE: Letter of Interest (LOI)

INQ-001350 - DISH

Dear Mr. Cooper,

The purpose of this Non-Binding Letter of Interest ("LOI") is to outline a basis of understanding between CitySwitch L.L.C., II ("CitySwitch") and DISH Wireless L.L.C. ("Dish") regarding the future possible use by DISH of a CitySwitch communications facility to be built at the compound at the terminus of Anacostia Drive, 2900 Anacostia Freeway with the following approximate geographic coordinates: 38.881992, -76.965363 (the "Site").

If approved and constructed, the Site may enable DISH to address a coverage gap in the areas surrounding District of Columbia Route 295 (Anacostia Freeway) and Southern Avenue SE.

This Non-Binding Letter of Interest is not a contract and is not binding on either party. Nothing contained herein shall be construed as a promise or an agreement. Neither party is relying on any statements or actions of the other party.

Should you have any questions, please do not hesitate to contact me. We look forward to working with you on this important project.

Sincerely,

Richard Rothrock
Site Development Manager – 1

Site Development Manager – DC/Balt. Market

Dish Wireless

richard.rothrock@dish.com

Erin Maheridis

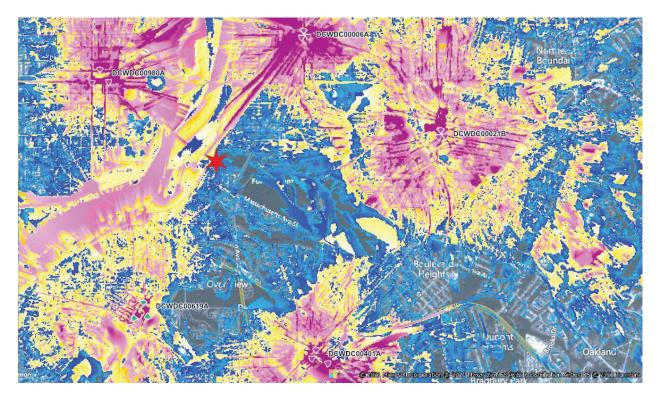
Site Development Manager – DC/Balt. Market

DISH Wireless

erin.maheridis@dish.com

Erin Maheridis

Propagation Map – Vienna, Virginia (Identified Coverage Gap)

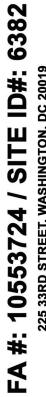




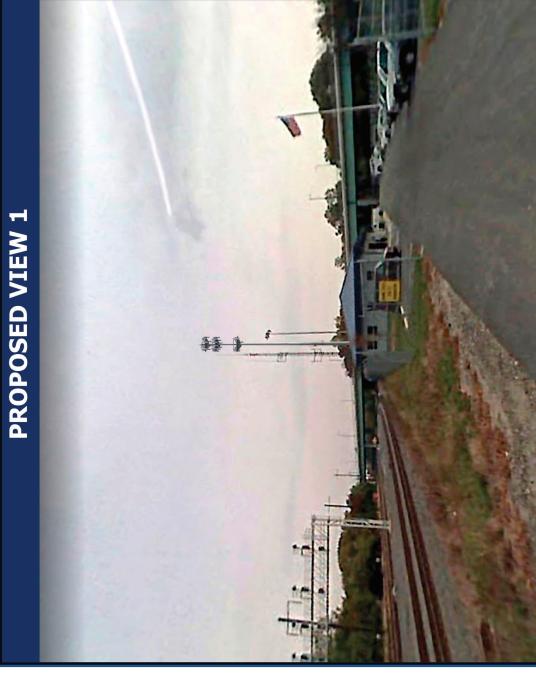
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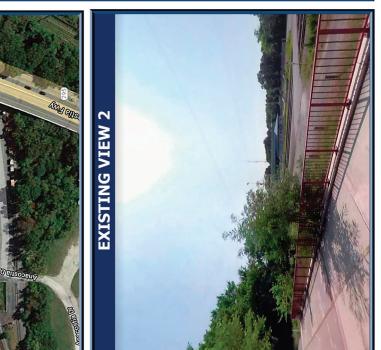
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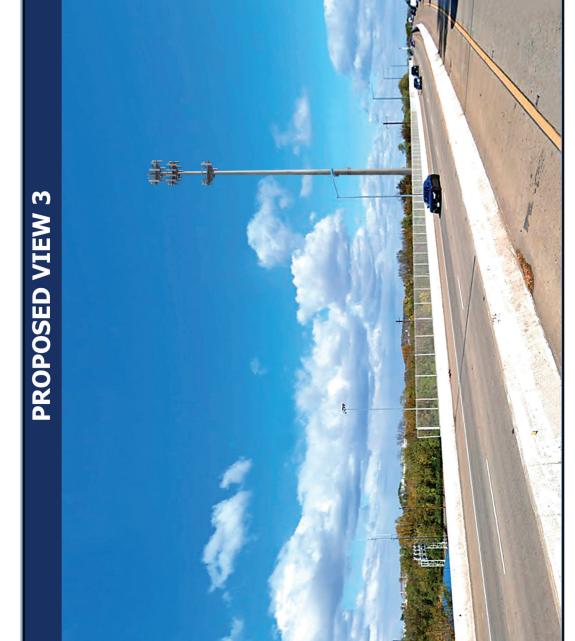


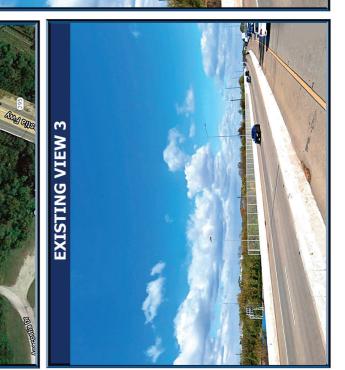


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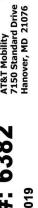


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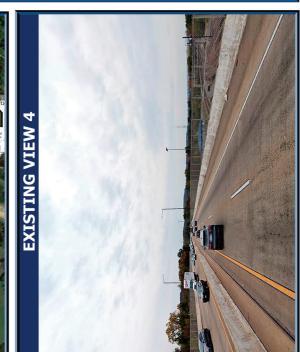
Prepared for:
AT&T Mobility
7150 Standard Drive
Hanover, MD 21076















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EMERY

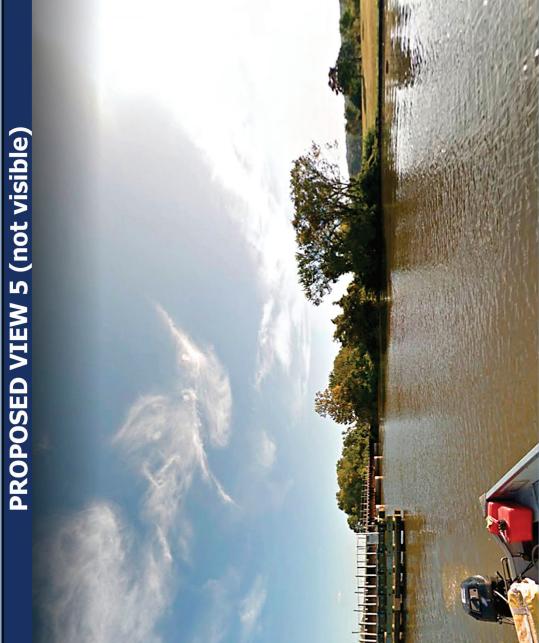
FA #: 10553724 / SITE ID#: 6382 225 33RD STREET, WASHINGTON, DC 20019





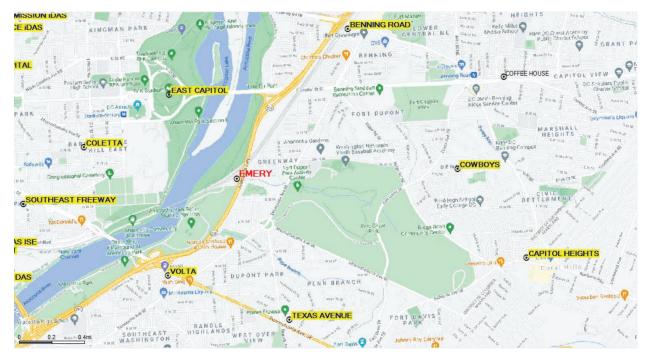






Existing AT&T Telecommunications Sites Within Two Miles of Proposed Facility

"Emery" denotes proposed Facility, existing AT&T site names highlighted in yellow.



AT&T's Review of Existing Telecommunications Towers within Two Miles

Pursuant to 11 DCMR C § 1313.11(d), AT&T identified other towers or monopoles within a two (2) mile radius of the proposed Facility located at 225 33rd Street SE, Washington, DC 20019 (the "Property"). Only two existing towers or monopoles were identified, other than those upon which AT&T is already co-located. For the reasons set forth below, neither of these sites would fill AT&T's existing coverage gap. There are no other existing structures in the area with the requisite height and ground elevation for AT&T to co-locate antennas to meet its coverage needs and provide wireless services to the communities around the Property.

1. Self-support tower built December 16, 1983

a. Location: 38° 53' 53.00" N 76 57' 09.00" W
b. Height: 279.9 feet above ground level
c. Distance from proposed Facility: 1.24 miles

AT&T's radio frequency engineers determined this pole would not fill AT&T's existing coverage gap because it is too far outside of the existing coverage gap. The existing tower sits approximately 1.24 miles to the north. The coverage gap to be filled is focused ton the west to replace coverage when existing antennas located on RFK Stadium are decommissioned in 2022. There are at least three AT&T facilities between this existing tower and the proposed Facility. Given the location, it is not a viable co-location opportunity.

2. Existing antenna support structure built on October 24, 2002 "ASRN 1235256"

a. Location: 38° 51' 26.10" N 76 58' 58.70" W

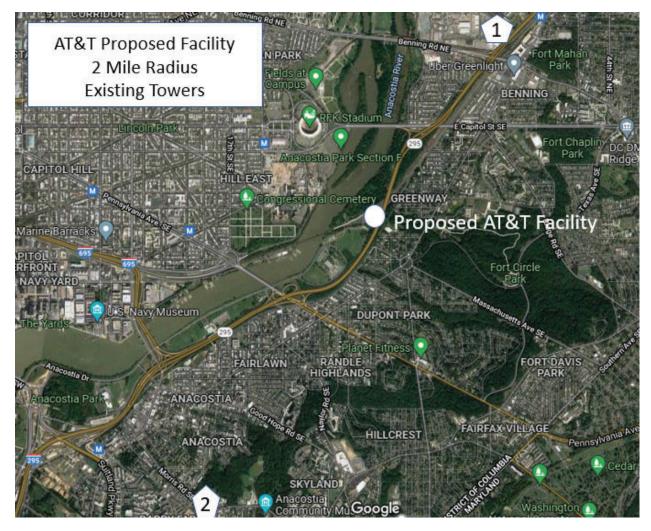
b. Height: 49.87 feet above ground level

c. Distance from proposed Facility: Approximately 1.99 miles

AT&T's radio frequency engineers determined this pole would not fill AT&T's existing coverage gap because it is too far outside of the existing coverage gap. The existing tower sits approximately 1.99 miles to the south. The coverage gap to be filled is focused to the west to replace coverage when existing antennas located on RFK Stadium are decommissioned in 2022. Additionally, the relatively low height (below 50') would not provide an adequate co-location height to meet AT&T's coverage goals. Co-location on the tower would not fill the existing coverage gap.

Map of Existing Telecommunications Towers within Two Miles

Towers Where AT&T Does Not Already Have Antennas





8/13/2021

Development Review DCRA Zoning Office 1100 4th Street SW 2nd Floor Washington, DC 200024

RE: 225 33rd Street, Washington, DC 20019 (EMERY)
AT&T Collocation of Unmanned Telecommunications Facility

To Whom It May Concern,

AT&T Mobility operates a Personal Communication Service authorized by the Federal Communications Commission (FCC) to provide state of the art digital wireless communications in many parts of the nation, including Washington, DC. AT&T Mobility's operations and network are licensed and regulated by the FCC.

The antennas, as proposed and designed for the above noted site, comply with all applicable FCC requirements. In addition, the proposed site meets all applicable ANSI/IEEE C95.1-1992 exposure levels, as adopted by the FCC requirements.

The means used to determine the RF levels for this installation were generated thru the "link budget" i.e. computer model calculation. This formula determines the RF level by calculating the transmit power, antenna gain and equipment specifications of the base station components.

AT&T Mobility is committed to compliance with all government regulations and standards. Please contact AT&T Mobility if you have any questions regarding this matter.

Changjie (C.J.) Yang

Senior RAN Engineer

ATT Washington Baltimore Market

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